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extra-tropical South African Orchids. London (William Wesley) 1893-1913, 3 vols. Oct. (*Icon. orchid. austro-afric.*) → Abbreviation of short-title for use in taxonomic publications

→ pagination of parts and their dates of publication

vol.	part	*plates*	dates	pages
1	1	*1-50*	15 Aug 1893	[i]-vi, [1, note], l.p., [2 p. ind.]
	2	*51-100*	20 Aug 1896	[i-iii], l.p., [3 p. ind.], app. [2]p., preface and t.p. to vol. 1 [viii]p.
2	1	*1-100*	Apr-Jun 1911	[i-vi], l.p. [3 p. ind.]; page iv: Apr 1911, Nat. Nov. Nov 1911, BR inscr. 15 Jun 1911.
3	1	*1-100*	1913	[i-v], l.p.; page v: 12 Feb 1913, Nat. Nov. Dec 1913.

→ Special notes about this book

Libraries where copies seen by authors

The plates are accompanied by one or two pages letterpress. *Copies*: BR, HH. – 36 plates of vol. 3 were first published by H. Bolus in his "Orchids of the Cape Peninsula," Trans. South Afr. Philosoph. Soc. 5(1): 75-200. 1888. The 300 (partly) coloured plates are by H. Bolus and F. Bolus. F. Bolus edited the third volume; preface by H. M. L. Bolus. – Portrait as frontispiece to vol. 2.

Ref.: BM 1: 193, 6: 106; Kew 1: 291; NI 197 → References concerning this book
Tyrrell-Glynn and Levyns, Flora africana 7. 1968.

birth/death dates

Bolus, Harriet Margaret Louisa (née **Kensit**) (1877-1970), South African botanist, daughter-in-law of Harry Bolus. (*L. Bolus*). → Proposed citation form as author

HERBARIUM and TYPES: BOL, other material BM, GRA, NBG, PRE, SAM.
Ref.: IH 2: 82. → References to collections
Tölken, Index herb. austro-afr. 1971.

→ References in standard biographical and bibliographical works

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 214; BL 1: 28, 54; BM 6: 106; Bossert p. 44; Kew 1: 291; Langman p. 391.

Articles in books, journals etc.

Anon., Flowering plants South Africa 23. 1943 (portr.)
Herre, Kakteen und andere Sukkulenten 12(1): 1-3. 1961 (portr.)
E.G.H.O., Forum botanicum 8: 68-69. 1970 (Died at Cape Town on 5 Apr 1970. Harry Bolus was her uncle and father-in-law).
Levyns and Jessop, J. S. Afr. Bot. 36(4): 319-330. 1970 (bibl.)
Herre, Kakt. Sukk. 21: 139, 170, also in The genera of the Mesembryanthemaceae 46-47. 1971 (portr.)
Glen, Aloe 13(3): 84, 87. 1975 (portr.)

→ Generic and journal names based on names of person

EPONYMY: *Bolusanthemum* Schwantes (1928). – *Note*: For other eponyms based on the name Bolus, cf. supra, sub Harry Bolus.

→ Book number short-title

626. *Notes on Mesembryanthemum and allied genera.* Cape Town 1928-1958. Oct. (*Notes Mesembryanthemum*). → Abbreviation of short-title

Part I: 1 Jul 1928 (reprinted from articles appearing in S. A. Garden & Country Life August-December, 1927), reprint 1928 (156 pp.)

Part II:

→ Data on place of publication, dates of whole or parts, etc.

pages	dates	pages	dates	pages	dates
1-16	9 Nov 1928	147-160	22 Nov 1929	309-336	29 Jan 1932
17-32	21 Dec 1928	161-176	20 Feb 1930	337-356	24 Jun 1932
33-48	24 Jan 1929	177-192	9 Mai 1930	357-376	6 Dec 1932
49-64	12 Apr 1929	193-208	15 Aug 1930	377-396	19 Mai 1933
65-80	3 Mai 1929	209-224	12 Nov 1930	397-416	16 Oct 1933
81-94	6 Jun 1929	225-244	12 Feb 1931	417-436	26 Jan 1934
95-110	4 Jul 1929	245-268	1 Mai 1931	437-452	23 Mai 1934
111-129	16 Aug 1929	269-292	3 Jul 1931	453-472	17 Aug 1934
131-146	4 Nov 1929	293-308	24 Sep 1931	473-508	11 Feb 1935

TAXONOMIC LITERATURE

Volume II: H-Le

Regnum vegetable, a series of publications for the use of plant taxonomists published under the auspices of the International Association for Plant Taxonomy, edited by Frans A. Stafleu.

Volume 98

Frans A. Stafleu and Richard S. Cowan

Taxonomic literature

A selective guide to botanical publications and collections with dates, commentaries and types

Volume II: H-Le

Second edition

Bohn, Scheltema & Holkema, Utrecht
dr. W. Junk b.v., Publishers, The Hague
1979

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Complete work ISBN 90 313 0224 4; Volume 2 ISBN 90 313 0343 7

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Introduction

The first volume of TL-2 has been well received and has generated even more support than we could have anticipated from colleagues and associated institutions all over the world. This increased support is also reflected by further material support from the National Science Foundation (U.S.A.), the Smithsonian Institution (U.S.A.)and the Netherlands Foundation for Pure Research (Z.W.O.) for which we are deeply grateful. We are pleased to continue on schedule with the publication of this second volume.

When writing the first volume our "scope" was still expanding: new collections, libraries and sources have become available to us and it is fair to say that only now have we reached the degree of coverage of taxonomic literature and collections which we had in mind when we began to work on the project. The result is that this second volume covers a smaller part of the alphabet than the first. We now aim at reaching the end of the alphabet with the fifth volume. In the meantime we are collecting material for a supplement to volume one which will bring the level of coverage from A-G up to that of H-Z.

The division of work between the two authors has now also reached its definitive form. The greater part of the data-gathering is done by Cowan, especially in United States libraries. In this respect it will be clear from the citation of copies of books seen for this volume that the Library of the United States Department of Agriculture (USDA) has now become our third major base in the U.S.A. for the material of our book; the libraries at the Missouri Botanical Garden and the New York Botanical Garden continue the enormous assistance they provide. The processing of the data and the actual writing of the text take place at Utrecht. Jan A. Leussink wrote the entry on *Flora* for this volume. He will join the present authors as co-author starting with the third volume.

ACKNOWLEDGEMENTS

In our introduction to volume one we stated that our listing of acknowledgements was bound to be incomplete. We regret that we did not specifically mention the contributions made by the late Frits Schütz at Utrecht especially with respect to the first volume for which he took care of bringing together a considerable number of bibliographical references. We list below those institutions and individuals not mentioned who have helped us and again stress the necessary incompleteness of the list. We also acknowledge assistance on specific issues in the text itself.

INSTITUTIONS

We have already mentioned the increased support received from the Library of the United States Department of Agriculture (Beltsville, Md.). In addition we have now had occasion to start work on the rich holdings of the Farlow Library at Harvard University (Cambridge, Mass.), the library of

the United States Geological Survey (Reston, Virginia), and the libraries of the Institut für allgemeine Botanik at Hamburg (Federal Republic of Germany) and the Botanisches Institut der Universität as well as the Naturhistorisches Museum at Vienna (Austria).

Private collections
In addition to the collections mentioned in volume one we had the privilege to make use of the private libraries of R. S. Cowan (Beltsville, Md.), S. R. Gradstein (Utrecht), W. Gutermann (Wien), P. M. Jørgensen (Bergen), Dale E. Johnson (Berkeley, Calif.), A. Löve (San José, Calif.), R. McVaugh (Ann Arbor, Mich.), Bo Peterson (Göteborg), E. Robbrecht (Meise), L. B. Smith (Washington, D.C.), E. G. Voss (Ann Arbor, Mich.), James White (Washington, D.C.), and of John and Marie Wurdack (Beltsville, Md.).

Individuals
Patricia Condon (Beltsville, Md., deceased)
Marshall Crosby (St. Louis, MO)
V. Demoulin (Liège)
A. Fox Maule (Copenhagen)
S. Rob Gradstein (Utrecht)
W. Gutermann (Wien)
A. Hansen (Copenhagen)
Daniel Hoke (Washington, DC)
P. Isoviita (Helsinki)
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Sergius Mamay (Washington, DC)
Mary McGuigan (Washington, DC)
James Mears (Philadelphia, PA)
Judy Neuhauser (Washington, DC)
Wallace Olsen (Beltsville, MD)
B. Pessala (New York)
B. Peterson (Göteborg)
Hazel Pollard (Beltsville, MD)
I. Ramrattansing (Utrecht)
James Reveal (College Park, MD)
S. D. Ripley (Washington, DC)
F. Schütz (Zeist, deceased)
H. Teunissen (Utrecht)
Dieter Wasshausen (Washington, DC)
Arthur Watt (Washington, DC)

Additional Abbreviations

This list contains abbreviations not listed in volume one, p. xix-xl. The abbreviations of herbaria are those used in the Index herbariorum (see 1: xxviii, under IH).

a.	In dates of publication (*Publ.*:): ante (before). In some latin booktitles also abbreviation for anno (year).
AA	CAMBRIDGE, Massachusetts, Arnold Arboretum of Harvard University. Books from this library are usually designated by HH.
ABD	(as a bibliographical reference) *Allgemeine Bibliographie Deutschlands.*
ABSL	SAINT PAUL: American Bryological and Lichenological Society Herbarium, Department of Botany, University of Minnesota, Saint Paul, Minnesota 55101, U.S.A. (formerly at Boulder).
Abth.	Abtheilung (division), cf. Abt.
AC	AMHERST: Amherst College Herbarium, Amherst, Massachussetts 01002, U.S.A.
ACAD	WOLFVILLE: E. C. Smith Herbarium of Acadia University, Wolfville, Nova Scotia, Canada.
adj.	adjunct; sometimes used to denote a class of membership in an academy of sciences.
adv.	advertisement(s), (of a publication in a general or reviewing journal).
aet.	aetatis (of or at the age of).
Afr.	Africa, African.
AHFH	LOS ANGELES: Herbarium of the Allen Hancock Foundation, University of Southern California, Los Angeles, California 90007, U.S.A.
Ainsworth	AINSWORTH, G. C., *Introduction to the history of mycology*, 1976.
algol.	algological, algology.
alt.	alternative; sometimes also: alteration.
ALZ	*Allgemeine Literatur-Zeitung.*
an., ann.	announcement; in booktitles: annus (year).
Andrews	ADREWS, HENRY N., JR, *Index of generic names of fossil plants*, 1820-1965, U.S. Geol. Survey Bull. 1300, 1970, 354 p. References are to this *second* edition. An addition covering the years 1966-1973 was published by Anna M. Blazer, U.S. Geol. Survey Bull. 1936, 1975.
approb.	approbation (indication date sanction of publication by censor).
ASSAM	SHILLONG: Botanical Survey of India, Eastern Circle, "Woodlands", Shillong, Assam State, India – *see* CAL.
auth.	author(s)
autobiogr.	autobiography.
Backer	BACKER, C, A., *Verklarend woordenboek* der wetenschappelijke namen van de in Nederland en Nederlandsch-Indie in het wild groeiende en in tuinen en parken gekweekte varens en hoogere planten. Groningen, Batavia 1936. See TL-2/227.
Barneby	Private library of R. Barneby, New York Botanical Garden, Bronx, N.Y., U.S.A.
BAY	BAYONNE: Muséum d'Histoire Naturelle de Bayonne, Rue Jacques Lafitte, 7, Bayonne (Bas-Pyr.), France.
BBC	*Beihefte Botanisches Zentralblatt.*
BEL	BELFAST: Ulster Museum, Botanic Gardens, Belfast 9, Nothern Ireland.
BFT	BELFAST: The Herbarium, Department of Botany, The Queen's University, Belfast, Northern Ireland, Great Britain.
Bibl. nat.	Copy at Bibliothèque nationale, Paris, France.
bind.	binder; usually referring to a sheet carrying binder's instructions.

BJI 1	DIELS, F. L. E. & MILDBRAED, G. W. J., *Generalregister der Bot. Jahrb.* 1(1-30). 1904.
BJI 2	SCHUSTER, C. & SCHWEIZ, W., *Generalregister Bot. Jahrb.* 2(31-56). 1938.
BLH	BLOOMFIELD HILLS: Billington Herbarium, Cranbrook Institute of Science, 500 Lone Pine Road, Bloomfield Hills, Michigan 48013, U.S.A.
Blunt	BLUNT, W., *The art of botanical illustration.* London, 1950.
B-P-H	Botanico-Periodicum-Huntianum, George H. M. Lawrence, A. F. Günther Buchheim, Gilbert S. Daniels, Helmut Dolezal, editors. Hunt Botanical Library, Pittsburgh, Pa. 1968.
Braz.	Brazilian.
Bret.	*see* Bretschneider.
BRL	BRISTOL: City Library, Bristol, Great Britain.
BRNM	BRNO: Botanical Department of the Moravian Museum, Preslova 1, 60200 Brno, Czechoslovakia.
Broadsheet	Book made up of leaves which are unfolded complete sheets.
BSGF	*Bulletin de la Société géologique de France*, Paris, vol. i-x, 1830-x.
BUCA	BUCURESTI: Institutul de Biologie "Tr. Savulescu" al Academici R.P.R., Spl. Independentei 296, Bucureşti 17, Roumania.
BUF	BUFFALO: The Clinton Herbarium, Buffalo Museum of Science, Humboldt Park, Buffalo, New York 14211, U.S.A.
BUL	BULAWAYO: National Museum of Rhodesia, 8th Avenue, Bulawayo, Rhodesia.
Cal., Calend.	Calends (first of month in Roman calendar).
CANB	CANBERRA: Herbarium Australiense, Commonwealth Scientific and Industrial Research Organization, P.O. Box 1600, Canberra City, A.C.T. 2601, Australia.
Canc.	cancellans, cancel (leaf or sheet replacing original printing).
CANM	OTTAWA: Bryophyte Section, National Herbarium of Canada – *see* CAN.
CANTY	CHRISTCHURCH: Canterbury Museum, Christchurch, New Zealand.
CGE	CAMBRIDGE: Botany School, University of Cambridge, Cambridge, Great Britain.
CHRB	NEW BRUNSWICK: Chrysler Herbarium, Department of Botany, Rutgers College, Rutgers University, New Brunswick, New Jersey 08903, U.S.A.
Chromolith.	Chromolithographs (pictures printed in colour from stone).
CHUR	CHUR: Bündner Naturhistorisches und Nationalpark-Museum, Chur, Switzerland.
CI	STANFORD: Carnegie Institution of Washington, Department of Plant Biology, Stanford, California 94305, U.S.A.
CINC	CINCINNATI: Herbarium, Department of Biological Sciences, University of Cincinnati, Cincinnati, Ohio 45221, U.S.A.
circ.	circulaires (circular letters, preliminary announcements).
CLF	CLERMONT-FERRAND: Laboratoire de Botanique, U.E.R. Sciences exactes et naturelles, 4 & 6 rue Ledru, Clermont-Ferrand, Puy-de Dôme, 63000, France.
Clokie	CLOKIE, H., *An account of the herbaria of the department of botany in the University of Oxford.* Oxford, 1964.
CM	PITTSBURGH: Herbarium, Carnegie Museum, 4400 Forbes Street, Pittsburgh, Pennsylvania 15213, U.S.A.
CMI	*see* IMI.
CO	*see* Colmeiro.
Collander	COLLANDER, R., V. ERKAMO, P. LEHTONEN, *Bibliographia botanica fenniae 1901-1950.* Helsinki, 1973.
Collander hist.	COLLANDER, R., *The history of botany in Finland 1828-1918.* Helsinki 1965.
Colmeiro penins.	COLMEIRO, M., *La botánica y los botánicos de la península hispano-lusitana.* Estudios bibliográficos y biográficos. Madrid, 1858. See TL-2/1181.
COLO	BOULDER: Herbarium, University of Colorado Museum, Boulder, Colorado 80302, U.S.A.

coloph., colof.	colophon (tail-piece in books providing information on printing and publishing).
comb.	combination (in *comb. nov.*, new nomenclatural combination).
concl.	conclusion, concluded.
Congr.	Congress (usually referring to International Botanical Congresses).
CORD	CORDOBA: Museo Botánico, Facultad de Ciencias E.F. y Naturales, Avda. Vélez Sarsfield 299, Córdoba, Argentina.
corr.	correspondence; corrected by; correspondent.
CP	COPENHAGEN: Department of Plant Pathology, Thorvaldsensvej 40, Entrance no. 8, DK-1871 Copenhagen V., Denmark.
CRK	CORK: Dept. of Botany of the University College, Cork, Great Britain.
CS	FORT COLLINS: Herbarium, Colorado State University, Fort Collins, Colorado 80521, U.S.A.
ctd.	continued.
curr. vit.	curriculum vitae (brief biography).
CW	CHARKOW: Herbarium of the Ukranian Institute for Scientific Research of Socialist Agriculture, The Chajkovskaja 4, Charkow, U.S.S.R.
DBN	DUBLIN: National Museum of Ireland, Kildare Street, Dublin, Ireland – combined with herbarium of the National Botanic Gardens (formerly DUB).
DD	DEHRA DUN: Forest Research Institute & Colleges, Dehra Dun, U.P., India.
def.	definitive.
Dept.	Department.
Desmond	DESMOND, R., *Dictionary of British and Irish botanists and horticulturists* including plant collectors and botanical artists. London, 1977.
De Toni	DE TONI, G. B., *Sylloge algarum* omnium hucusque cognitarum. 1: i-cxxix. 1889 (Bibliotheca phycologica), 2(1): i-cxxxii. 1892 (Bibliotheca diatomologica), 4(1): i-lxi. 1897 (Bibliotheca phycologica, addenda). (TL-2/1421).
DIN	DINARD: Laboratoire Maritime du Muséum d'Histoire Naturelle, 17 Avenue George V, Dinard, (Ille-et-Vilaine), France.
diss.	dissertatio(n).
distr.	distributed
Div.	Divisio(n).
DMNH	DAYTON: The Dayton Museum of Natural History, 2629 Ridge Ave., Dayton, Ohio 45414, U.S.A.
doc., docum.	documentation.
DOR	DORCHESTER: Dorset Natural History & Archaeological Society, Dorchester, Great Britain.
DPU	GREENCASTLE: The T.G. Yuncker Herbarium, DePauw University, Harrison Hall, Greencastle, Indiana 46135, U.S.A.
Dryander	DRYANDER, J., *Catalogus bibliothecae historico-naturalis Josephi Banks*. London, vols. 1-5, 1798-1800. (TL-2/1534).
DSY	DEWSBURY: County Borough Museum, Dewsbury, Great Britain.
DUL	DULUTH: Olga Lakela Herbarium, University of Minnesota, Duluth, Minnesota 55812, U.S.A.
E.	East(ern).
elench.	elenchus.
e.m.	eftermiddag(en) (afternoon (Swedish)).
EMC	YPSILANTI: Eastern Michigan University Herbarium, Department of Biology, Eastern Michigan University, Ypsilanti, Michigan 48197, U.S.A.
emend.	emendavit.
engr.	engraving.
exot.	exotic(ae).
expl.	explanation.
exsc., exsicc.	exsiccatae.
f.	filius, son; also as fil.

Férussac	FÉRUSSAC, A. É. J. P. J. F. d'A. DE, *Bulletin général et universel des annonces et des nouvelles scientifiques*; later as *Bulletin universel des sciences*, Paris, vols. 1-27, 1823-1832.
FHI	IBADAN: Forest Herbarium Ibadan, Department of Forest Research, Private Mail Bag 5054, Ibadan, Nigeria.
FHKSC	HAYS: The Elam Bartholomew Herbarium, Ft. Hays Kansas State College, Hays, Kansas 67601, U.S.A.
FHO	OXFORD: Forest Herbarium, Department of Forestry, Commonwealth Forestry Institute, University of Oxford, Oxford, Great Britain.
fil.	*see* f.
f.m.	förmiddag(en) (morning (Swedish)).
FMC	LANCASTER: North Museum, Franklin and Marshall College, Lancaster, Pennsylvania 17604, U.S.A.
Fr.	French.
FT	FIRENZE: Erbario Tropicale di Firenze, via Lamarmora 4, 50121, Firenze, Italy.
FU	FUKUOKA: Herbaria of the Faculty of Agriculture, Kyushu University, Hakazaki, Fukuoka, Kyushu distr., Japan.
Futak-Domin	FUTÁK, J. & K. DOMIN, *Bibliografia k flóre ČSR* do r. 1952. Bratislava, 1960.
FWM	FORTH WORTH: Science Department, Fort Worth Museum of Science and History, 1501 Montgomery Street, Forth Worth, Texas 76107, U.S.A.
GAT	GATERSLEBEN: Zentralinstitut für Genetik und Kulturpflanzenforschung, DDR-4325 Gatersleben, Kreis Aschersleben, German Democratic Republic, DDR.
GR	LEGON: Ghana Herbarium, University of Ghana, P.O. Box 55, Legon, Ghana.
GCM	LEGON: Ghana Mycological Herbarium, University College of Ghana – incorporated in GC.
Gesch.	Geschichte, geschiedenis (history).
GLEN	GLENNS: Middle Peninsula and Northern Neck Plant Classification Depository, Rappahannock, Community College, South Campus, Glenns, Virginia 23149, U.S.A.
GLM	GÖRLITZ: Staatliches Museum für Naturkunde, Forschungsstelle, Am Museum I, Görlitz, German Democratic Republic, DDR.
GOD	GODALMING: Charterhouse School Museum, Godalming, England.
G-PAE	GENEVE: Conservatoire et Jardin botaniques (see G), herbier Paul Aellen.
GR	references to a herbarium: GRENOBLE: Laboratoire de Botanique et Biologie Végétale de l'Université Scientifique et Médicale, BP 53, 38041 Grenoble Cédex, France.
GRA	GRAHAMSTOWN: Herbarium of the Albany Museum, Botanical Research Unit, P.O. Box 101, Grahamstown, South Africa.
GR cat.	GRUMMANN, V., *Catalogus lichenum Germaniae*. Stuttgart, 1963.
GRI	GRINNELL: Grinnell College Herbarium, Biology Department, Grinnell, Iowa 50112, U.S.A.
HAC	HABANA: Instituto de Botánica de la Academia de Ciencias de Cuba, Calzada del Cerro 1257, La Habana, Cuba.
HAN	HANNOVER: Institut für Vegetationskunde der technischen Universität, Nienburgerstrasse 17, 3 Hannover, Federal Republic of Germany, BRD.
Hawksworth	HAWKSWORTH, D. L., *Mycologists' Handbook*. London, 1974.
HCIO	DELHI: Herbarium Cryptogamiae Indiae Orientalis, Division of Mycology and Plant Pathology, Indian Agricultural Research Institute, Delhi 110012, India. (formerly under New Delhi).
HIRO	HIROSHIMA: Botanical Institute, Hiroshima University, Higashisenda, Hiroshima, Japan 730.
Hirsch	HIRSCH, G. C., *Index biologorum* investigatores, laboratoria, periodica. Berlin, 1928.

HK	HONG KONG: Herbarium, Agriculture and Fisheries Department, Canton Road Government Offices, Kowloon, Hong Kong.
HNC	*Historiae naturalis classica*, Weinheim, Lehre, a series of facsimile reprints edited by J. Cramer.
HNH	HANOVER: Jesup Herbarium, Department of Biological Sciences, Dartmouth College, Hanover, New Hampshire 03755, U.S.A.
h. & l.c.	*see* h.l.q.s.
hort.	horticulture, horticultural.
Hortus 3	*Hortus third.* A concise dictionary of plants cultivated in the United States and Canada. Initially compiled by Liberty Hyde Bailey and Ethel Zoe Bailey. Revised and expanded by the staff of the Liberty Hyde Bailey Hortorium. New York, London, 1976.
i.	in.
IAC	CAMPINAS: Instituto Agronómico do Estado (Phanerogamic Herbarium), Caixa postal 28, 13.100 Campinas SP, Brazil.
IAN	BELEM: Instituto de Pesquisa e Experimentaçao Agropecuária do Norte (formerly: Instituto Agronomico do Norte), Caixa Postal 48, Belém, Pará, Brazil.
IARI	DELHI: Division of Plant Introduction, Indian Agricultural Research Institute, Delhi (12), India (formerly under New Delhi).
IBL	KEFAR MALAL: Independent Biological Laboratories, P.O.B. Ramatayim, Kefar Malal, Israel.
ICEL	REYKJAVIK: Náttúrufraedistofnun Islands, Grasafraedideild, (Museum of natural History, Dept. of Botany), P.O. Box 5320, Reykjavik, Iceland.
iconogr.	iconographia.
id.	idem; in dates: ides.
i.e.	id est (that is to say).
IMI	KEW: Commonwealth Mycological Institute, Ferry Lane, Kew, Richmond, Surrey TW9 3AF, Great Britain.
impr.	imprimatur (official licence to print (often dated)).
incompl.	incomplete.
instr.	instruction(s).
IPC	ILE DE PORT CLOS, Musée d'histoire naturelle, Ile de Port Clos, France.
IPS	IPSWICH: The Museum, Ipswich, East Suffolk, Great Britain.
Is.	Island(s).
itin.	itinerary.
JAC	JODHPUR: Herbarium, University of Jodhpur, Department of Botany, Jodhpur, India.
JHB	*see* Barnhart.
JYV	JYVÄSKYLÄ: Department of Biology, Jyväskylä University, Jyväskylä, Finland.
KANU	LAWRENCE: Herbarium, University of Kansas, 2045 Ave. A., Campus West, Lawrence, Kansas 66044, U.S.A.
KASSEL	KASSEL: Naturkundemuseum im Ottoneum, Kassel, BRD.
KBG	KÖNIGSBERG, now Kaliningrad. Herbarium destroyed.
Keighley	KEIGHLEY, England, Borough Museum, Keighley, Great Britain (KGY).
Kent	KENT, D. H., *British herbaria*, London 1957.
kl.	klockan, indication of time ("o'clock"), Swedish.
Klášterský	KLÁŠTERSKÝ, I., HRABĚTOVA, A., DUDA, J., Botanikové na Českém a Moravskoslezském území ad nejstarších dob. *Zprávy Čs. Společnosti pro Dějiny věd a Techniky* 14-15. 1970.
Kleppa	KLEPPA, P., *Norsk botanisk bibliografi* 1814-1964. Universitetsforlaget Oslo-Bergen, Tromsö 1973.
KM	VRCHLABÍ: Krkonošské muzeum, Vrchlabí, okr. Trutnov, Czechoslovakia.
KNAW	Library of the Koninklijke Nederlandse Akademie van Wetenschappen, Amsterdam, Netherlands.
Kon.	Koninklijke (royal).

Krebel	KREBEL, R., *Russlands naturhistorische und medicinische Literatur*. Schriften und Abhandlungen in nicht-Russischer Sprache, Jena, 1847.
Krempelh.	KREMPELHUBER, A. VON, *Geschichte und Litteratur der Lichenologie von den ältesten Zeiten bis zum Schlusse des Jahres 1865(1870)*, München, 3 vols., 1867-1872. TL-2/3932.
KYO	KYOTO: Department of Botany, Faculty of Science, Kyoto University, Kyoto 606, Japan.
LAH	LAHORE: Panjab University, Lahore, Pakistan.
LAM	LOS ANGELES: Los Angeles County Museum of Natural History, 900 Exposition Blvd., Los Angeles, California 90007, U.S.A.
LCN	LINCOLN: City and County Museum, Lincoln, Great Britain.
LCU	WASHINGTON: The Catholic University of America, Michigan Ave. N.E., Washington, D.C. 20017, U.S.A.
LDS	LEEDS: Plant Sciences Department, The University, Baines Wing, Leeds LS2 9JT, Yorkshire, Great Britain.
Lenley	LENLEY, S. et al., *Catalog of the manuscript and archival collections and index to the correspondence of John Torrey. Library of the New York Botanical Garden*. Boston, Mass., 1973.
Lepidopt.	Lepidoptera.
lf.	leaf.
l.h.q.s.	*see* h.l.q.s.
LI	LINZ: Botanische Abteilung am Oberösterreichischen Landesmuseum, Museumstrasse 14, A-4010 Linz, Austria.
libr.	library.
LIL	TUCUMAN: Fundación e Instituto Miguel Lillo, Calle Miguel Lillo 205, San Miguel de Tucumán, Argentina.
Linn.	Linnaeus, Linnaean.
LISI	LISBOA: Instituto Superior de Agronómia, Tapada da Ajuda, Lisboa-3, Portugal.
lit.	literature.
liths.	lithographs
Löve	Private library Askell Löve, San José, Cal., U.S.A.
LPS	LA PLATA: Instituto de Botánica C. Spegazzini, Calle 53 No. 477, La Plata, Bs. As., Argentina.
LSR	LEICESTER: City Museum and Art Gallery, Leicester, Great Britain.
LTR	LEICESTER: University of Leicester, Leicester LE1 7RH, Great Britain.
LU	CANTON: Herbarium of the Lingnan University, Canton – *see* IBSC.
LUX	LUXEMBOURG: Musée d'Histoire Naturelle, Luxembourg, Luxembourg.
lvs.	leaves.
m., mens.	mensis (month).
McVaugh	private library of R. McVaugh, Ann Arbor, Michigan, U.S.A.
MAINE	ORONO: University of Maine Herbarium, Department of Botany and Plant Pathology, University of Maine, Orono, Maine 04473, U.S.A.
Maiwald	MAIWALD, V., *Geschichte der Botanik in Böhmen*. Wien, Leipzig 1904.
MARS	MARSEILLE: Laboratoire de Botanique, Faculté des Sciences, Place Victor Hugo, 13-Marseille (3e), France.
Mass.	Massachusetts, U.S.A.
mat.	materia, material.
MB	MARBURG: Fachbereich Biologie der Philipps-Universität, Botanik, Lahnberge, D-355 Marburg (Lahn), Federal Republic of Germany, B.R.D.
mens.	*see* m.
microsc.	microscopic(al).
mycol.	mycological.
N.	North, northern.
NAM	NAMUR: Facultés Universitaires Notre-Dame de la Paix, 61 Rue de Bruxelles, B-5000 Namur, Belgium.
Natuurw.	Natuurwetenschappen.
NBF	*Nouvelle biographie française*.

ND	NOTRE DAME: The J. A. Nieuwland Herbarium, University of Notre Dame, Notre Dame, Indiana 46556, U.S.A.
NDA	FARGO: North Dakota State University Herbarium, Botany Dept., Fargo, North Dakota 58102, U.S.A.
NDG	NOTRE DAME: The E.L. Greene Herbarium, The University of Notre Dame, Notre Dame, Indiana 46556, U.S.A.
necrol.	necrology.
Ned.	*see* Nederl.
NF	NANKING: The Herbarium, College of Agriculture and Forestry, University of Nanking, Nanking, Kiangsu, China.
NICK	*see* Nickles.
NMC	LAS CRUCES: Herbarium, Biology Department, New Mexico State University, Las Cruces, New Mexico 88003, U.S.A. (formerly at State College).
NMW	CARDIFF: Department of Botany, National Museum of Wales, Cardiff CF1/3 NP, Wales, Great Britain.
N.N.	*see* Nat. Nov.
n:o	numero, number.
nom. cons.	*nomen conservandum* (conserved name).
nom. rej.	*nomen rejiciendum* (rejected name).
Nordstedt	NORDSTEDT, C. F. O., *Index Desmidiacearum citationibus locupletissimus atque bibliographia*. Berlin 1896. *Supplementum*. Berlin, 1908.
nr.	near.
NT	ALICE SPRINGS: Herbarium of the Northern Territory, Animal Industry and Agriculture Branch, Department of the Northern Territory, Alice Springs, N.T. 5750, Australia.
NTN	NORTHAMPTON: County Borough Central Museum, Northampton, Great Britain.
NU	PIETERMARITZBURG: Botany Department, University of Natal, Pietermaritzburg. South Africa.
NW	*Northwest botanical manuscripts*. Washington State University Library. Pullman, 1976.
Octodec.	*see* 18-mo, below.
OKL	NORMAN: Bebb Herbarium, University of Oklahoma, 770 Van Vleet Oval, Norman, Oklahoma 73069, U.S.A.
OKLA	STILLWATER: Oklahoma State University Herbarium, Department of Botany and Plant Pathology, Oklahoma State University, Stillwater, Oklahoma 74074, U.S.A.
opp.	opposite.
Orch.	Orchidaceae, orchids.
ordin.	ordinatus (ordained).
orth. cons.	conserved orthography (of *nomen conservandum*).
PAC	UNIVERSITY PARK: The Herbarium, The Pennsylvania State University, Buckhout Lab., University Park, Pennsylvania 16802, U.S.A.
pag.	pagination, page(s); *see also* p.
PAL	PALERMO: Erbario dell'Istituto Botanico di Palermo, Palermo, Italy.
PDD	AUCKLAND: Auckland Plant Diseases Division, Dept. of Scientific and Industrial Research, Private Bag, Auckland, New Zealand.
PE	PEKING: Institute of Botany, Academia Sinica, Peking, China.
PENN	PHILADELPHIA: Herbarium of the University of Pennsylvania, Philadelphia, Pennsylvania 19118, U.S.A.
Pennell	BARNHART, J. H., in PENNELL, W. T., *The Scrophulariaceae of eastern temperate North America*, Monogr. Acad. Nat. Sci. Philadelphia vol. 1, 1935.
PERTH	PERTH: Western Australian Herbarium, Department of Agriculture, Jarrah Road, South Perth, Western Australia 6151.
PHA	LONDON: Pharmaceutical Society of Great Britain, London, Great Britain.
phil., philos.	philosophical.
photogr.	photographs.

PL	PLZEŇ: Západočeské muzeum Přirodovědecký odbor, Veleslavinova 6, 301 14 Plzeň, Czechoslovakia.
PLY	PLYMOUTH: Plymouth Institution, Plymouth, Great Britain.
Port.	Portuguese.
postscr.	postscriptum.
Pr.	Preussen (in "i. Pr.").
PREM	PRETORIA: Plant Protection Research Institute, Private Bag X 134, Pretoria, South Africa 0001.
pres.	presented.
prev.	previously.
prid.	pridie (on the day before).
priv., privil.	privilegium (the sole right of printing).
PRM	PRAHA: Mykologické oddělení Přírod, muzea Národního muzea v Praze, Praha, Czechoslovakia.
PTH	PERTH: City Art Gallery & Museum, Perth, Great Britain.
PV	*Procès-verbaux des séances de l'Académie* [des Sciences, Paris] tenues depuis la fondation de l'Institut [1795] jusqu'au mois d'août 1835, 10 vols., Hendage, 1910-1921 (sometimes also as "Acad.").
p.v.t.f.m.	på vanlig tid före middagen (at the customary hour in the morning, (Swedish)).
QMP	QUEBEC: Musée du Québec – incorporated in QUE (*see* abbr. in vol. 1).
RAB	RABAT: Institut Scientifique Chérifien, Laboratoire de Taxinomie et Ecologie des Végétaux Supérieurs, Avenue Moulay Chérif, Rabat, Morocco.
Ratzeburg	RATZEBURG, J. T. C., *Forstwissenschaftliches Schriftsteller Lexikon*. Berlin, 1874.
reg.	register, registration.
Regensburg	"rd. Regensburg" stands for rd. *Flora*.
Rehder	REHDER, A. *The Bradley bibliography*. A guide to the literature of the woody plants of the world published before the beginning of the twentieth century. Cambridge (Massachusetts), 5 vols., 1911-1918.
R.H.S.	*The Royal Horticultural Society*, London United Kingdom, Lindley Library.
RM	LARAMIE: Rocky Mountain Herbarium, University of Wyoming, Laramie, Wyoming 82071, U.S.A.
RPPR	RIO PIEDRAS: Institute of Tropical Forestry, P.O. Box AQ, Rio Piedras, Puerto Rico 00928, U.S.A.
RUT	NEW BRUNSWICK: Douglass College, New Brunswick, New Jersey 08903, U.S.A.
RV	ROSTOV ON DON: Herbarium of the Department of Botany of the Molotov State University of Rostov, Engels Street 115, Rostov on Don, U.S.S.R.
RYD	RYDE: Isle of Wight Philosophical & Scientific Society, Ryde, Great Britain.
SACT	SACRAMENTO: Herbarium, Department of Biological Sciences, California State University, Sacramento, California 05819, U.S.A.
SAM	CAPE TOWN: South African Museum Herbarium, National Botanic Gardens of South Africa, Kirstenbosch, Newlands 7725, Cape Town, South Africa.
SAP	SAPPORO: Laboratory of Plant Taxonomy and Ecology, Botanical Institute, Faculty of Agriculture, Hokkaido University, Sapporo, Japan.
SBC	SAYRE, G., C. E. B. BONNER, and W. L. CULBERSON, The authorities for the epithets of mosses, hepatics, and lichens, *The Bryologist* 67(2): 113-135. 1964
SCH	SCHAFFHAUSEN: Naturhistorisches Museum, Frauengasse, Schaffhausen, Switzerland
SCHN	NORTHAMPTON: Herbarium of Smith College, Clark Science Center, Smith College, Northampton, Massachusetts 01060, U.S.A.
Sci., sci.	Science, scientific.

SDC	BROOKINGS: Herbarium of South Dakota State University, Department of Botany and Biology, Brookings, South Dakota 57006, U.S.A.
sec.	secondary.
sen.	senior.
sep.	separate (off-print).
SGE	STALYBRIDGE: The Museum, Stalybridge, Great Britain.
SIGMA	MONTPELLIER: Station Internationale de Géobotanique Méditerranéenne et Alpine, Rue du Pioch de Boutonnet, Montpellier (Hérault), France.
SING	SINGAPORE: Herbarium and Library, Botanic Garden, Cluny Road, Singapore 10, Republic of Singapore.
SK	Reference to a herbarium: SKARA: Katedralskolan, Skara, Sweden.
SK	STEENIS, C. G. G. J. VAN, editor, *Flora malesiana.* 1: 1-639. 1950. Collections and collectors. (by M. J. van Steenis-Kruseman). 4(2): lxxi-clxi. 1949. Hist. expl. (by H. C. D. de Wit). 4(5): clxiii-ccxix. 1954. Dates of publication (by M. J. van Steenis-Kruseman). 5: ccli-cccxxxvi. 1958. Coll. suppl. (by M. J. van Steenis-Kruseman). 8: i-cxv. 1974. Coll. suppl. 2. (by M. J. van Steenis-Kruseman).
SLBI	LONDON: South London Botanical Institute, 323 Norwood Road, London S.E. 24, Great Britain.
SOC	ASHLAND: Department of Biology, Southern Oregon College, Ashland, Oregon 97520, U.S.A.
S.	South(ern).
Spermat.	Spermatophyta.
SPH	HILLSBORO: Fox Research Forest, Hillsboro, New Hampshire 03244. U.S.A.
STA	SAINT ANDREWS: Department of Botany, The University, Saint Andrews, Scotland, Great Britain.
Stevenson	As a bibliographical reference: STEVENSON, J. A., *Index plant diseases U.S.*, Index part. Beltsville, 1953.
STI	STIRLING: Smith Art Gallery and Museum, Albert Place, Stirling, Scotland, Great Britain.
subgen.	subgenus.
subst.	substitute.
TB	TBILISI: Herbarium of the Stalin State University of Tbilisi, University Street, Tbilisi, Georgia, U.S.S.R.
TBI	TBILISI: Department of Systematics and Plant Geography of the Botanical Institute of the Academy of Sciences of the Georgian S.S.R., Kodjorskoje Highway, Tbilisi, U.S.S.R.
techn.	technical.
TEX	AUSTIN: University of Texas Herbarium, Austin, Texas 78703, U.S.A.
TL	TOULOUSE: Laboratoire de Botanique, Faculté des Sciences, Allées Jules Guesde, Toulouse (Haute Garonne), France.
TLA	TOULOUSE: Laboratoire de Cryptogamie, Université Paul Sabatier (Sciences), 118 route de Narbonne, 31077 Toulouse Cedex (Haute Garonne), France.
TLM	TOULOUSE: Muséum d'Histoire Naturelle de Toulouse, Toulouse (Haute Garonne), France.
TOR	TORQUAY: Torquay Natural History Society, The Museum, Babbacombe Rd., Torquay, Great Britain.
TR	Reference to a herbarium: TRENTO: Museo Tridentino di Scienze naturali, Trento, Italy.
transl.	translation, translated by.
TROM	TROMSOE: Botanical Department of Tromsoe Museum, Tromsoe, Norway.
TRV	PRETORIA: Transvaal Museum – incorporated in PRE.

Tucker	TUCKER, E. M., *Catalogue of the library of the Arnold Arboretum of Harvard University*. Cambridge, Mass., 3 vols., 1917-1933.
TURA	TURKU: Institute of Biology, Åbo Academy, Turku (Åbo), Finland.
UBC	VANCOUVER: The University of British Columbia, Vancouver 8, British Columbia, Canada.
UCR	RIVERSIDE: Herbarium, Department of Biology, University of California, Riverside, California 92502, U.S.A.
UMO	COLUMBIA: Herbarium, University of Missouri, 201 Tucker Hall, Columbia, Missouri 65201, U.S.A.
UPSV	UPPSALA: Växtbiologiska Institutionen, Uppsala Universitet, Box 559, S-751 22 Uppsala 1, Sweden.
Urban-Berl.	URBAN, I., *Geschichte des Königlichen Botanischen Museums zu Berlin-Dahlem (1815-1913) nebst Aufzählung seiner Sammlungen*. Dresden, 1916.
USGS	United States Geological Survey, Library; Washington, D.C.
VEN	CARACAS: Instituto Botánico, Apartado 2156, Caracas, Venezuela.
vern.	vernacular.
Verz.	Verzeichniss.
Vetensk.	*see* Vet.
W.	West, western.
WAR	WARWICK: The County Museum, Warwick, Great Britain.
WB	WÜRZBURG: Botanisches Institut der Universität, Klinikstrasse 5, Würzburg, Federal Republic of Germany, BRD.
Westhoff	V. Westhoff, Nijmegen, The Netherlands, private library.
WELTU	WELLINGTON: Botany Department, Victoria University of Wellington, Private Bag, Wellington, New Zealand.
WIN	WINNIPEG: Herbarium of the Department of Botany, University of Manitoba, Winnipeg, Manitoba R3T 2N2 Canada.
Windsor	Library at Windsor Castle, England.
WTR	WINCHESTER: Winchester College Museum, Winchester, Hampshire, Great Britain.
WTU	SEATTLE: Herbarium, Department of Botany, AK-10, University of Washington, Seattle, Washington 98195, U.S.A.
WUD	DETROIT: Biology Department, Wayne State University, Detroit, Michigan 48202, U.S.A.
16-mo	Volume consisting of sheets of paper folded four times or into sixteen leaves (32 p. per signature).
18-mo	Volume made up of gatherings of 18 leaves (36 pages), often manufactured by combining signatures of 12 and 6 leaves into single binding units.
32-mo	Volume consisting of sheets of paper folded five times or into 32 leaves (64 p. per signature).

Haan, Willem de (1801-1855), Dutch biologist at Leiden. (*Haan*).

COLLECTIONS: Rijksmuseum voor natuurlijke Historie, Leiden.

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2224. Commentatio in quaestionem, ab ordine disciplinarum mathematicarum et physicarum Academiae Lugduno-Batavae, ex historia naturali, a. mdcccxx. propositam: "*Quinam sunt limites inter vitam animalium et vegetabilium.*" Quae praemium reportavit d. viii. mensis februarii a. mdcccxxi. [Leiden, independently paged issue of Annales Academiae lugduno-batavae, Leiden (S. et J. Luchtmans) 1821]. Qu. (*Limites vit. anim. veg.*).
Publ.: 8 Feb 1821, p. [1]-43. *Copy*: KNAW.

Haartman, Johan Gustav (1777-1799), Finnish botanist; born in Sauvo. (*Haartm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Dryander 4: 148; Saelan p. 146; TR 509.
Eriksson, G., Bot. hist. Sverige 283. 1969.
Hjelt, O. E. A., Naturhistoriens studium i Finland under sjuttonde och adertonde seklet, Helsingfors 1868, p. 193-194. (= Bidrag till kännedom af Finlands Natur och Folk 12: i-vi, 1-198). This paper of Hjelt is referred to below as *Naturhistoriens studium i Finland* (inf. I. Kukkonen); Naturhistoriens Studium vid Åbo Universitet, Helsingfors 1896, p. 378 (inf. Bo Peterson). (= Skrifter utgifne af Svenska Litteratursälskapet i Finland 32: i-iv, 1-446).

2225. *De Tussilagine* commentarii botanici particula i. Quam cons. ampliss. fac. phil. aboens. publicae censurae submittunt stipendiarii Haartmanniani Joh. Gust. Haartman, philos. mag. et Andreas Johannes Orrström, aboënsis. In audit. min. die xxi junii, mdccxcvii horis a.m. solitis. Aboae (typis Frenckellianis) [1797]. Qu. (*De Tussilag.*).
Publ.: 21 Jun 1797, p. [i], [1]-22. *Copies*: H, MO.

Haberle, Karl Konstantin Christian (1764-1832), German botanist; first at Jena; from 1813 at Budapest. (*Haberle*).

HERBARIUM and TYPES: BP.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 249; Barnhart 2: 106; BM 2: 759; Bossert p. 157; CSP 3: 105-106; Jackson p. 4, 35; Kanitz no. 123; LS 10669-10670; NI p. 205, 308; Plesch p. 247; PR 3671-3672 (ed. 1: 4007-4009); Rehder 5: 356.
Pax, F., Grundz. Pflanzenverbreit. Karpathen 1: 11, 28. 1898 (Veg. Erde 2(1)).
Priszter, Ann. Univ. Sci. Budapest Rolando Eötvos, Biol. 12: 191-206. 1970 (some of H's plant names treated on p. 205-206).

EPONYMY: *Haberlea* Frivaldszky (1835).

2226. *Das Gewächsreich.* Oder characterisirende Beschreibung aller zur Zeit bekannten Gewächse, als Commentar zu den Bertuchschen Tafeln der allgemeinen Natur-Geschichte. Ein Handbuch für Naturfreunde zu eigenem Unterrichte, bei dem Gebrauche dieser Tafeln von D. Carl Constantin Haberle. Ersten Bandes erster Theil. Pilze und Schwämme. Weimar (im Verlag des F.G. privil. Landes-Industrie-Comptoirs) 1806. Oct.† (*Gewächsreich*).
Publ.: 1806 (p. viii: 11 Apr 1806), p. [i*], [i]-viii, [3]-280. *Copy*: FH. – For Friedrich Justin Bertuch (1747-1822), who was one of the first to publish large scale natural history illustrations for use in schools, see NI p. 204.

2227. *Succincta rei herbariae* hungaricae et transsilvanicae *historia*, auctore doctore C. C. Haberle . . . Budae [Budapest] (Typis regiae universitatis hungaricae) 1830. Oct. (*Succ. rei herb. hist.*).
Publ.: Jul-Dec 1830 (p. 6: 6 Jun 1830), p. [1]-66. *Copy*: G. – Pritzel cites: LINN.

Habirshaw, Frederick (*fl.* 1877), American diatomologist. (*Habirshaw*).

HERBARIUM and TYPES: Unkown. Issued: *Collectio diatomaceae*, New York, s.d.; set at FH. For catalogue see no. 2228. Further diatom material at AWH and S.
Ref.: Sayre, G., Mem. New York Bot. Gard. 19: 75-76. 1969.
Fryxell, G., Nova Hedwigia Beih. 35: 361. 1975.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 338, 2: 759; De Toni 1: lvii, 2: lxi; Kew 2: 543; Jackson p. 159.

2228. *Catalogue of the Diatomaceae* with references to the various published descriptions and figures . . . New York (Reproduced by the Edison electric pen process) 1877. Qu. (in fours). (*Cat. Diatom.*).

Ed. 1: Nov 1877 (preface 20 Oct 1877, p. 264: Mai 1877; copy at G forwarded on 1 Dec 1877; Hedwigia Feb 1878), p. [i-xi], [1]-[264], sign. A, B, 1-66. *Copies*: FH, G, NY, UC. – Number of copies printed: 50 (distributed free).
Ed. 2, part 1: 1881-1882 (Nat. Nov. 1881), cover, p. [i]-xxii, [1]-58. *Copies*: NY, UC. – "Catalogue of the Diatomaceae with references to the published descriptions and figures by Frederick Habirshaw, F.R.M.S. Edited and published by Romyn Hitchcock, F.R.M.S." New York (Thompson & Moreau, . . .) 1881-1882. Qu. Title on cover "*Catalogue of the Diatomaceae part 1* . . ." – *Editor*: Romyn Hitchcock (1851–1923).
Ed. 2, completed, in 4(?) parts, 1881-1885 (p. 343: 1 Oct 1885; Nat. Nov. Feb 1886; Bot. Zeit. 30 Jul 1886), lvs. [i], [1]-343, A-K [= 10 p. add.] (all single cross-stitched leaves). *Copies*: FH, NY, UC. – "Habirshaw's Catalogue of the Diatomaceae. H.H. Chase, M.D. Geneva, New York 1885" All lvs. by the "Edison electrical pen process" repr. by lithography. – *Editor*: Harvey Henderson Chase (1849-1915).
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French ed.: Catalogue des diatomées. édit. française revue et augmentée par J. Pelletan. Paris 1879 (Nat. Nov. 1879) (n.v.). *Translation* by Jules Pelletan (1833-?). FH has a handwritten text "*Catalogue des Diatomées* avec indications bibliographiques relatives à chaque espèce par Frederick Habirshaw F.R.M.S. New York 1877" p. [i]-vi, [1]-264.

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Ref.: Deby, J., Bibl. micr. microgr. studies 3: 30. 1882.

Hackel, Eduard (1850-1926), Bohemia-born Austrian agrostologist and high school teacher at St. Pölten (1871-1900); from 1904 at Graz. (*Hack.*).

HERBARIUM and TYPES: W; dupl. e.g. BM, GB, K.
Ref.: Hackel, E., Bot. Centralbl. 9(9): 327. 1882 (sale of parts of his herbarium).

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Anon., Bot. Jahrb. 1: 502. 5 Apr 1881 (on H's publ. on *Spirachne* (1880)); Bull. Soc. bot. Deux-Sèvres 21: *pl. 4*. 1910 (portr.).
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Fritsch, Mitt. naturw. Ver. Steiermark 1927: xxiv-xxx.
Huxley, L., Life letters J. D. Hooker 284, 285bis, 287-288. 1918.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 141-142. 1947.
Parodi, Physis 8: 620-625. 1927 (portr., selected bibl.).
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Reiche, K., Grundz. Pflanzenverbr. Chile 32, 372. 1907 (Veg. Erde 8) (bibl.).
Roshewitz, Bull. Jard. bot. Leningrad 28(3/4): 411-420. 1929 (bibl., portr.).
Stieber, M. T., Taxon 27: 270. 1978 (portr.).
Urban, I., Fl. bras. 1(1): 176. 1906.
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(3) with F. Pax, *in* EP, *Die natürlichen Pflanzenfamilien*, *Cyperaceae und Gramineae*, reprint Dec 1887, Leipzig (Engelmann) 130 p., *1 pl.*, 426 figs.
(4) *Gramineae brasilienses* V, *in* Martius, *Flora brasiliensis*, fasc. 90, 1 Jul 1883, vol. 2(3): 245-326. *pl. 59-74*. (see also under J. C. Döll).
(5) *Gramineae gesammelt auf der Forschungsreise der Gazelle* [Berlin 1890], 11 p., 4 pl., see Engler, no. 1705; see also Bot. Jahrb. 6: 233-248. 1885.
(6) See Durand et Pittier, *Primit. fl. costaric.*, TL 2/1592.
(7) Contributed to H. W. Reichardt, *Flora der Insel Jan Mayen*, 21 p., in vol. 3(7a) of *Die internationale Polarforschung* 1882-1883, Wien, 1886; see under Reichardt.
(8) *Gramineae*, with J. Ch. Doell, *in* Warming, E., *Symb.* nos. 37-38, publ. 3 Mai 1892.

EPONYMY: *Hackelochloa* O. Kuntze (1891).

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Publ.: Apr-Mai 1882 (p. ix: Oct 1881; Nat. Nov. Mai 1882; Bot. Zeit. 26 Mai 1882), p. [i]-ix, [1]-216, *pl. 1-4*, uncol. liths. by the author. *Copies*: G, MO, NY, U, US(2), USDA.
Facsimile ed.: Micro methods Ltd., and Johnson Reprint Corporation 1964 (as orig.) *Copies*: MICH, USDA.
Ref.: Peter, Bot. Zeit. 41: 314-315. 11 Mai 1883.
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2231. *The true grasses* . . . Translated from die natürlichen Pflanzenfamilien by F. Lamson-Scribner and Effie A. Southworth . . . New York (Henry Holt and Company) 1890. Oct. (*True grasses*).
Translators: Frank Lamson-Scribner (1851-1938); Effie Almira Soutworth (1860-?) (later Mrs. Volney Morgan Spalding).
Orig. ed.: 1890 (p. iv: 1 Feb 1890; TBC 1 Jul 1890), front., p. [i]-viii, [1]-228. *Copies*: MO, NY, US(2), USDA. The second US copy has a loose errata slip.
"*New edition*": Westminster (Constable) 1896 (Nat. Nov. Dec (2) 1896), p. [i]-viii, [1]-228, "a re-issue of the old sheets with a slightly different binding" (Rendle); "the sooner our systematists recognize the fact that ability to read German is an essential towards good work, the better for them and the better for botany" (id.)
Ref.: Rendle, A. B., J. Bot. 35: 60-61. Feb 1897.
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Hacquet, Belsazar (**Balthasar**) (1739-1815), Bretagne (Brittany) born French-Austrian physician, botanist and geologist; born at Conquet (Bretagne); high school teacher at Laibach (Ljubljana); 1788 prof. natural history at Lemberg (Lwow); later mining counsel at Vienna; explorer of Croatia and the Carpathians. (*Hacq.*).

HERBARIUM and TYPES: Unknown, "nel museo agrario di Lubiana" (Saccardo).
Note on name: Dalla Torre (DTS 6(4): 145) corrects the generally used later (Austrian) Balthasar to the (Brittany) Belsazar.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 20; Backer p. 250; Barnhart 2: 106; BM 2: 759; Bossert p. 158; CSP 3: 109-110; DTS 1: 100; Dawson p. 379; Dryander 5: 264; GR p. 325; Hortus 3: 1194 ("Hacq."); Jackson p. 265; Kanitz no. 174; Kew 2: 544; LS 10674-10675; NI 771; PR 3673 (ed. 1: 4011-4015); Quenstedt p. 181; Rehder 5: 357; Saccardo 1: 87-88, 2: 57, cron. p. xxiv; WU 7: 163; Zander ed. 10, p. 660.
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EPONYMY: *Hacquetia* Necker ex A.P. de Candolle (1830).

2232. *Plantae alpinae carniolicae.* Collegit et descripsit Balth. Hacquet . . . Viennae [Wien] (Sumptibus bibliopolae Joannis Pauli Kraus) 1782. Qu. (*Pl. alp. carniol.*).

Orig.: 1782, p. [1]-16, *pl. 1-5*, uncol. copper engr. Joseph Pallnstorff (sign. on *pl. 1*). *Copies*: G, NY, Teyler, USDA, WU.
Other edition: 1782, Viennae (Sumptibus bibliopolae Joannis Pauli Kraus), p. [1]-31, *pl. 1-5* (as in original issue). *Copy*: WU. – This 31 p. edition has a different, more elaborate, text; on the t.p. the author is given as "Hacquet" (16 p. ed.: "Balth. Hacquet"); the word *Carnioliae* is in italics fancy letters (16 p. ed. roman, traditional). PR mentions a Wappler imprint for the 16 p. ed.; this has not been traced by us.

2233. Hacquet's neueste *physikalisch-politische Reisen* in den Jahren 1788 und 1789 durch *die dacischen und sarmatischen* oder nördlichen *Karpathen.* Nürnberg (im Verlag der Raspischen Buchhandlung) 1790-1796, 4 vols. Oct. (*Reis. dac. sarm. Karpathen*).

1: 1790, frontisp., xxiv, 207 p., *pl. 1-7* (col. copper engr.).
2: 1791, xxvi, 249, [6, err.], *pl. 1-6* (id.).
3: 1794, xxvi, 247, 3 charts, *pl. 1-7* (1-6 col., 7 maps).
4: 1796, xvi, 254, [2, err.], *pl. 1-6* (4-6 col.).

Copy: WU (analysis: W. Gutermann).
Hacquet's other travelogues were "*Mineralogisch-botanische Lustreise von dem Berge Terglou in Krain bis zu dem Berge Glockner in Tyrol im Jahr 1779*" (Wien 1784, Oct.), "*Physikalisch-politische Reise aus den dinarischen durch die julischen . . . Alpen in den Jahren 1781 und 1792 unternommen*" (Leipzig, 4 vols., 1785-1787, Oct.); *Reisen durch die norischen Alpen*, . . . (Nürnberg, 2 vols., 1791, Oct.). (all n.v.). Motto on frontisp. of present work, on the Carpathians:
"An diesen Felsen gränzt in wilder Wüsteney
Der Muselmannen Reich die Moldau, Wallachey
Dort wohnet Christ und Türck, und zeigt durch rohe Sitten
Der sey Barbar getauft und der Barbar beschnitten."

Haeckel, Ernst Heinrich Philipp August (1834-1919), German evolutionary zoologist and popularizer of biology. (*Haeckel*).

HERBARIUM and TYPES: at JE and in the Ernst Haeckel House, Jena.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 87; Ainsworth p. 33, 321; Barnhart 2: 106; BM 2: 759-761, 6: 422; Bossert p. 158; CSP 3: 109, 6: 680, 7: 882-883, 10; 106-107, 12: 303, 15: 562-563, 16: 506; De Toni 2: lxi; DSB 6: 6-11; Kew 2: 546; KR p. 252; Moebius p. 363; NI p. 1, 221, 308; Quenstedt p. 182; Rehder 5: 357; SO 1256.

Note: No attempt is made to cite here the secondary literature on Haeckel. The references below are to some general biographical studies, to modern evaluations and to publications dealing with H's rôle in botany.

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HANDWRITING: Wiss. Z. Friedr.-Schiller-Univ. Jena, 9 (Naturw.): 7-33. 1960.

2233a. *Natürliche Schöpfungsgeschichte.* Gemeinverständliche wissenschaftliche Vorträge über die Entwicklungslehre im Allgemeinen und diejenige von Darwin, Goethe und Lamarck im Besonderen, über die Anwendung derselben auf den Ursprung des Menschen und andere damit zusammenhängende Grundfragen der Naturwissenschaft. Berlin (Verlag von Georg Reimer) 1868. Oct. (*Nat. Schöpf.-Gesch.*).

Ed. 1: 1868, front., p. [i]-xvi, [1]-240, 240b-c, 241-568, *pl. 1-8. Copies*: G, M, Teyler.
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Ed. 4: 1873 (p. xliv: 24 Jun 1873), front., [i]-xlvi, [1, h.t.], [1]-688, *pl. 1-15. Copy*: Kon. Bibl. (The Hague). – Berlin (id.).
Ed. 5: 1874, p. [i]-xlvi, [1]-688, *pl. 1-16. Copy*: HBG. – "Fünfte verbesserte Auflage . . ." Berlin (id.).
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2234. *Plankton-Studien.* Vergleichende Untersuchungen über die Bedeutung und Zusammensetzung der pelagischen Fauna und Flora . . . Jena (Verlag von Gustav Fischer) 1890. Oct. (*Plankton-Stud.*).
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2235. *Systematische Phylogenie der Protisten und Pflanzen.* Erster Theil des Entwurfs einer systematischen Stammesgeschichte. Berlin (Verlag von Georg Reimer). 1894. Oct. (*Syst. Phylog. Protist. Pfl.*).

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Co-author: C. Oellerich (1876-?).
Publ.: Mai-Jun 1911 (p. [3]: Apr 1911; Nat. Nov. Jun (2) 1911), p. [1]-86, *fig. 1-5*. *Copy*: B. – Hämmerle also published *Bestimmungstabellen für die im Amte Ritzebüttel wachsenden Dikotylen*, Cuxhafen 1910. Oct., 29 p. (Nat. Nov. Nov(1) 1910).

Haenke, Thaddaeus (Tadeáš) **Peregrinus Xaverius** (1761-1816), Czech botanist and explorer on the Malaspina expedition. (*Haenke*).

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(2) *Observations botanicae* in Bohemia, Austria, Styria, Carinthia, Tyroli, Hungariae factae, *in* Jacquin, *Collectanea Austriaca* 2(1), 1788. (TL2/3253).
(3) *Reliquiae haenkeanae, see* C.B. Presl.
(4) On the southern affluents of the River Amazonas. *J. Geol. Soc.* 5: 90-98. 1835 (translation from a 1799 mss).

NOTE: The "Descripción del Reyno de Chile," published 1942, with authorship attributed to Haenke by the editor and author of an introduction Augustin Edwards, (Editorial Nascimento, Santiago, Chile, 280 p.), was not written by Haenke. See Gualterio Looser, La descripción del Reyno de Chile atribuida a Tadeo Haenke, Santiago de Chile (Imprenta Universitaria) 1944. (Rev. Chil. Hist. Geogr. 104: 167-189. 1944, with postscriptum by E. P. Salas).

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EPONYMY: *Haenkea* F. W. Schmidt (1793); *Haenkea* Ruiz & Pavon (1794); *Haenkea* R. A. Salisbury (1796); *Haenkea* Ruiz & Pavon (1802).

2238. Caroli a Linné ... *Genera plantarum* eorumque characteres naturales secundum numerum, figuram, situm et proportionem omnium fructificationis partium. Juxta Thunbergii emendationes digesta. Editio octava. Praecedente longe auctior curante Thaddaeo Haenke ... Vindobonae [Wien] (ex officina Wappleriana) 1791, 2 vols. Oct. (*Gen. Pl.*).

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Copies: MO, NY. – Based heavily on Schreber's edition of the *Gen. pl.* (1789).

Hänlein, Friedrich Hermann (1851-?), German botanist and microbiologist; born at Reinsdorf nr. Waldheim; studied at Leipzig under Luerssen. (*Hänlein*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: CSP 15: 564; Jackson p. 91; Rehder 5: 357.

COMPOSITE WORKS: Editor of *Bibliotheca botanica* Hefte i-xxviii, 1886-1894.

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Publ.: Sep 1932 (Nat. Nov. Sep 1932), p. [ii]-vi, [1]-86, maps 1-2, *pl. A-M*, [1-2, err.], *pl. i-xiv. Copy*: G. – Bibliotheca botanica Heft 104.
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Häyren, Ernst Fredrik (1878-1957), Finnish botanist, associate professor of botany at Helsinki University. (*Häyr.*).

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2242. *Über die Landvegetation und Flora der Meeresfelsen von Tvärminne.* Ein Beitrag zur Erforschung der Bedeutung des Meeres für die Landpflanzen von Ernst Häyrén. Mit 15 Tafeln und einer Karte. Helsingfors 1914. Oct. (*Landveg. Fl. Tvärminne*).
Publ.: shortly before 23 Mai 1914, p. [i]-vi, [1]-193, 3 charts, 1 map, *pl. 1-15*. *Copies*: H, US. – Acta Soc. Fauna Fl. fenn. 39(1). – Also diss. Univ. Helsinki. (Information T. Ahti).
Ref.: Luther, H., Acta bot. fenn. 62: 1-100. 1961 (new inventory).

Hagelstein, Robert (1870-1945), American business-man; algologist and mycologist at New York; later at Mineola N.Y.; ultimately honorary curator of myxomycetes at NY (1931-1945). (*Hagelst.*).

HERBARIUM and TYPES: NY (17.000 diatom slides and 4800 myxomycetes; includes the David B. Ward collection).
Ref.: Seaver, Mycologia 30(4): 475. 1938.
Anon., J. New York Bot. Gard. 41: 278. 1940.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 234, 331; Barnhart 2: 109 (orig. info.); Kew 2: 548; Lenley p. 191; LS suppl. 10515-10518; NAF 1(1): 160; Stevenson p. 1244 ("Hagels.").
Burke, Mycologia 38(2): 115-119. 1946 (portr., bibl.).
Hesler, L. R., Biogr. sketches North Amer. mycol. 1975, mss.
Murrill, W. A., Hist. found. Bot. Florida 26. 1945.
Rogerson, C. T., Mycologia index vols. 1-58, p. 910. 1968.

2243. *Botany of Porto Rico and the Virgin Islands* . . . Revison of the *Myxomycetes.* New York Academy of Sciences. Scientific Survey of Porto Rico and the Virgin Islands, vol. 8, part 2. New York (New York Academy of Sciences) 1932. Oct. (*Bot. Porto Rico, Myxomyc.*).
Publ.: 22 Nov 1932 (MO copy rd. 7 Dec 1932); occupies p. 241-248 of vol. 8.
Ref.: Hagelstein, R., Mycologia 19: 35-37. Jan-Feb 1947.

2244. New York Academy of Sciences. Scientific survey of Porto Rico and the Virgin Islands vol. 8,. part 3. *Botany of Porto Rico and the Virgin Islands. Diatomaceae* . . . New York (Published by the Academy) 1939. Oct. (*Bot. Porto Rico, Diatom.*).
Publ.: 19 Jan 1939 (t.p.; MO rd. 3 Feb 1939); p. [311]-450, *pl. 3-9* of vol. 8 as indicated. *Copies*: MO, NY.
Ref.: Burke, Torreya 39(3): 77-79. 15 Jun 1939.

2245. *The mycetozoa of North America* based upon the specimens in the herbarium of the New York Botanical Garden . . . Mineola, New York (author) 1944. Oct. (*Mycetozoa N. Amer.*).

Publ.: 1944 (p. 2: 27 Apr 1944), p. [i-vii], [1]-306, *pl. 1-16. Copies*: MICH, MO, NY, U, US, USDA.

Hagen, Ingebrigt Severin (1852-1917), Norwegian physician and bryologist; from 1899 at Opdal (Dovrefjeld); from 1906 at Trondhjem. (*I. Hagen*).

HERBARIUM and TYPES: TRH (50.000); other material at BP, L, NT, O, TROM. *Musci norvegici* (1885-1903), sets at B, BR, C, H, L, O, PC, TROM. – Library also at TRH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 109; BM 2: 763, 6: 423; Bossert p. 158; CSP 14: 331, 15: 569, 16: 208; DTS 5: xliv; IH 2: 248; Kew 2: 549; Kleppa p. 323; KR p. 253; Lenley p. 191; MW p. 149; SBC p. 121 ("I. Hag.").
Anon., Bot. Not. 1917: 206; Rev. bryol. 34(2): 40. 1907.
Arnell, H. W., Sv. bot. Tidskr. 12(1): 142-143. 1918; Rev. bryol. 47: 74-75. 1920 (bibl.).
Degen, A., Magy bot. Lap 17: 116. 1918.
Holmboe, J., Norsk biogr. leks. 5: 220-221. 1931.
Le Roy Andrews, Bryologist 23(5): 79-80. 1920.
Sayre, Bryologist 80: 509. 1978.
Wille, Naturen 41: 353-357. 1917 (portr.) (reprint p. 1-5); K. Norske Vid. Selsk. Skr. 1917(1): 1-13. 1918 (portr., bibl.), also as reprint.
Wittrock, V. B., Acta Horti Berg. 3(2): 169, *pl. 17*. 1903.

EPONYMY: *Hageniella* V.F. Brotherus (1910).

2246. *Iagttagelser over mosernes udbredelse* i den sydvestlige del af Smålenenes amt. Trondhjem (Aktie trykkeriet) 1896. Oct. (*Iagttag. moser. udbr.*).
Co-author: Elling Ryan (1849-1905).
Publ.: 1896 (t.p. journal fasc.; Nat. Nov. Oct(2) 1897; Rev. bryol. Nov 1896), cover, p. [1]-168. *Copies*: FH, Steere. – K. Norske Vid. Selsk. Skr. 1896(1).

2247. *Schedulae bryologicae* . . . Nidarosiae [Trondhjem] (typis sociorum) 1897. Oct. (*Sched. bryol.*).
Publ.: Oct-Dec 1897 (t.p. journal fasc.; p. 30: printed 30 Sep 1897; Nat. Nov. Oct (2) 1898), p. [1]-30, *pl. 1-2. Copy*: Steere. – K. Norske Vidensk. Selsk. Skr. 1897(2).

2248. *Norges bryologi* i det 18de Århundrede. Trondhjem (Trykt i Aktietrykkeriet) 1897. Oct. (*Norg. bryol.*).
Publ.: late 1897 (ready for printing 22 Sep 1897; Nat. Nov. Apr(2) 1898), p. [1]-195, *pl. 11. Copies*: G, NY, U. – K. Norske Vid. Selsk. Skr. 1897(3).

2249. *Musci Norvegiae borealis*. Bericht über die im nördlichen Norwegen hauptsächlich von den Herren Arnell, Fridtz, Kaalaas, Kaurin, Ryan und dem Herausgeber in den Jahren 1886-1897 gesammelten Laubmoose. [imprint on cover: Tromsø (Aktietrykkeriet i Trondjhem) 1899-1904]. Oct. (*Musc. Norveg. bor.*).
Publ.: 1899-1904, consolidated reprint publ. in three parts, p. [i*-v*], [i]-xxiii, [xxiv, abbr.], [1]-382, *pl. 1-2*, uncol. liths. (p. xxiii: Nov 1904). *Copies*: G, NY, USDA. – Reprinted from Tromsø Museums Aarshefter 21 & 22 (for 1898-1899), Tromsø 1899-1904. The signatures carry the dates of printing: sign. 1: 1 Feb 1899, sign. 23: 12 Dec 1904.

Heft 1: [i], [1]-112. 1899 (Nat. Nov. Aug(1). 1900);
Heft 2: [i], 113-240. Jan 1902 (Nat. Nov. Oct(1). 1902; Bot. Not. Feb 1902; Bryologist rd. 24 Feb 1902);
Heft 3: [i*-iii*], [i]-xxiii, 241-382, *pl. 1-2*. 1904 publ. Feb 1905 (Nat. Nov. Mar(2). 1905; see also Bryologist 8: 54. 1905).

Ref.: Arnell, H. W., Bot. Not. 1900: 137-139, 1902: 92-93.
Holzinger, Bryologist 5(3): 44-45. 1902, 8(3): 54-55. 1905.

2250. *Ein Beitrag zur Kenntnis der Brya Deutschlands* . . . Trondhjem (Aktie trykkeriet) 1904. Oct. (*Beitr. Brya Deutschl.*).

Publ.: Aug-Nov 1904 (p. 17: printed 13 Jul 1904; cover and t.p. journal fasc. 1904; Nat. Nov. Jan(1) 1895), p. [1]-17. *Copy*: Steere. – K. Norske Vid. Selsk. Skr. 1904(1) (Nat. Nov. Nov(2) 1905).

2251. *Fra E. Ryans Mosherbarium* ... Trondhjem (Aktie trykkeriet) 1907. Qu. (*Ryans Mosherb.*).
Collector: Elling Ryan (1849-1905).
Publ.: 1907, p. [1]-36. *Copy*: FH. – K. Norske Vid. Selsk. Skr. 1907(1).

2252. *Forarbejder til en norsk løvmosflora.* I-XX. Trondhjem (Aktietrykkeriet: Trondhjem) 1908-1915. Oct. (*Forarb. norsk løvmosfl.*).

I: Jan-Jul 1908 (Nat. Nov. Aug(1) 1908; Bryologist rev. Sep 1909), p. [1]-100. *Copy*: G. – K. Norske Vid. Selsk. Skr. 1907(13).
II-VIII: late 1908 or early 1909 (Bryologist rd. Jun 1909), p. [1]-122. *Copy*: G. – Ib. 1908(9).
IX-XII: late 1909 or early 1910 (Nat. Nov. Jul(2) 1910), p. [1]-114. *Copy*: G. – Ib. 1909(5), (Nat. Nov. Aug(1) 1910).
XIII-XVIII: 1910 (Bryologist 14 Jan 1911), p. [1]-108. *Copy*: G. – Ib. 1910(1).
XIX: 10 Oct 1914 (see p. 77), p. [1]-77. *Copies*: G, NY. – Ib. 1913(1).
XX: 13 Oct 1915 (see p. 192; Bryologist rev. dated 14 Nov 1915), p. [1]-192. *Copies*: G, NY. – Ib. 1914(1).

2253. *Mousses nouvelles* ... Trondhjem (Aktietrykkeriet) 1908. Oct. (*Mousses nouv.*).
Publ.: Jul-Dec 1908 (printed 7 Jul 1908, see p. 44), p. [1]-44, *pl. 1-2*. *Copies*: Steere (2). – K. Norske Vid. Selsk. Skr. 1908(3), (Nat. Nov. Aug(2) 1909).

2254. *Remarques sur la nomenclature des mousses* ... Trondhjem (Aktietrykkeriet) 1910. Oct. (*Rem. nomencl. mousses*).
Publ.: 1910 (t.p. journal fasc.), p. [1]-16. *Copy*: Steere. – K. Norske Vid. Selsk. Skr. 1910(3).

Hagen, Johann Heinrich (1738-1775), German pharmacist and botanist at Königsberg i. Pr. (*J. Hagen*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 109; PR 3680 (ed. 1: 4030-4031); Ratzeburg p. 219; Rehder 3: 350.
J., Dict. Sci. méd. 5: 17-18. 1822.

2255. *Physikalisch-botanische Betrachtungen* über die *Weidenrosen* und die in Preussen befindliche 16. nutzbare Weidenarten, angestellt von Johan Heinrich Hagen, Königl. privil. Medicin-Apothecker im Kneiphoff. Königsberg (Gedruckt in der Königl. Hof- und Academ. Hartungschen Buchdruckerey) 1769. Qu. (*Betracht. Weidenrosen*).
Publ.: 1769, p. [1]-20. *Copy*: M.

Hagen, Karl [Carl] Gottfried (1749-1829), German botanist and pharmacist at Königsberg in eastern Prussia. (*K. G. Hagen*).

HERBARIUM and TYPES: Some material collected by Hagen in the Berlin botanical garden is present in the Thunberg herbarium (UPS).

BIBLIOGRAPHY and BIOGRAPHY: ADB 10: 340; AG 5(2): 258; Barnhart 2: 109; BM 2: 762; CSP 3: 115; Dawson p. 275, 337; Dryander 2: 369, 3: 125, 288, 328, 342, 511, 4: 226; GR cat. p. 64 ("Hagen"); Jackson p. 180, 309; Kew 2: 549; Krempelh. 2: 42-43; LS 10680; NI p. 198, 213, 308; PR 3681-3689 (ed. 1: 4032-4038); Ratzeburg p. 219; Rehder 5: 357; SBC p. 121 ("Hag."); Tucker 1: 310.
Anon., Flora 12: 187-188. 1829; Bot. Zeit. 11: 143. 1853.
Lorek, C. G., Preuss. Bot. 4, 5. 1849.
Müller , R. H. W. und R. Zaunick, Friedr. Traugott Kützing 282. 1960.
Zuchold, E. A., Jahresb. nat. Ver. Halle 5: 19. 1853.

EPONYMY: *Hagenia* J.F. Gmelin (1791); *Hagenia* Moench (1794); *Hagenia* Eschweiler (1824).

2256. Caroli Godofredi Hagen . . . *Tentamen historiae lichenum* et praesertim prussicorum . . . Regiomonti [Königsberg i. Pr.] (Sumtu G.L. Hartung, bibliopolae) 1782. Oct. (*Tent. hist. lich.*).
Publ.: 1782 (NZgS 6 Jan 1783), p. [i*], [i]-cxlii, *pl. 1-2*, hand-coloured copper engr. *Copies*: FH, G, M, MICH, NY, Stevenson; IDC 1078.

2257. Dissertatio botanica inauguralis agens *de Ranunculis prussicis*. Quam in regia academia regiomontana pro loco extraordinario in amplissima facultate medica rite sibi vindicando placido eruditorum submittit examini Carolus Godofr. Hagen . . . respondente Nestore Kwiatkowsky, Russo . . . In auditorio maximo anno mdccclxxxiii d. xxvii. Octobr. horis ante et pomeridianis. Regiomonti [Königsberg i. Pr.] (Typis sacr. reg. maiest. et univers. typogr. G. L. Hartungii) s.d. [1783], Qu. (*Ranunc. pruss.*).

Thesis ed.: 27 Oct 1783, p. [i], [1]-41. *Copy*: M.
Commercial ed.: *Commentatio botanica de Ranunculis prussicis* . . . Regiomonti (impensis G. L. Hartung) 1784. Qu., p. [i], [1]-41. *Copy*: G.
Reprint: in Ludwig, C. F., Del. opusc. 1: 433-490. 1790.

2258. *Preussens Pflanzen* . . . Königsberg (bey Friedrich Nicolovius) 1818, 2 vols. Oct. (*Preuss. Pfl.*).
1: 1818, front., p. [i]-xii, [1]-436; *2*: 1818, front., p. [i], [1]-438. – *Copies*: B, G.

2259. *Chloris borussica* . . . Regiomonti [Königsberg i. Pr.] (in Academica Libraria) 1819. Oct. (*Chlor. boruss.*).
Publ.: 1819 (p. iv: 17 Nov 1818), p. [i*], [i]-iv, [1]-446, [1-2, err.]. *Copies*: B, G, NY.
Ref.: Anon., Jahrb. Gewächsk. 1(3): 183-184. Aug 1820.

Hagena, Karl (1806-1882), German botanist; studied theology at Rinteln; high school teacher at Oldenburg 1829-1879. (*Hagena*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 109; BM 2: 763; CSP 3: 115, 7: 886, 10: 110, 15: 570; Rehder 1: 386.
Anon., Bot. Zeit. 41: 16. 1883.
Focke, W. O., Abh. naturw. Ver. Bremen 9(1): 79-80. 1884 (bibl.) (refers to a more extensive necrology by Stein, in Osterprogramm Gymnasium Oldenburg 1883, n.v.).

COMPOSITE WORKS: Bentfeld, G. und K. Hagena, *Verzeichniss der im Herzogthum Oldenburg*, vorzüglich in der Umgegend der Stadt Oldenburg *wachsenden Hymenomyceten*, Abh. naturw. Ver. Bremen 5: 290-333. 1877 (before 13 Jul).

2260. Trentepohls *Oldenburgische Flora* zum Gebrauch für Schulen und beim Selbstunterricht bearbeitet von Karl Hagena. Oldenburg (Druck und Verlag der Schulzeschen Buchhandlung (W. Berndt)) 1839. Oct. (*Oldenburg. Fl.*).
Original author of mss: Johann Friedrich Trentepohl (1748-1806).
Publ.: 1839 (p. xi: Sep 1838), p. [i]-xxviii, [1]-298. *Copy*: G.

2261. *Phanerogamen-Flora des Herzogthums Oldenburg* auf Grundlage von Trentepohl's Flora. [Bremen 1869]. (*Phan.-Fl. Oldenburg*).
Original author: Johann Friedrich Trentepohl (1748-1806).
Publ.: Jul-Aug 1869 (Flora 20 Aug 1869; Bot. Zeit. 10 Sep 1869). Published as Abh. naturwiss. Ver. Bremen 2: 83-129. 1871; reprint with independent pagination not seen.
Ref.: Hagena, K., Bot. Zeit. 21: 385-387. 1863.

Hagenbach, Carl [Karl] Friedrich (1771-1849), Swiss botanist; from 1795 practicing physician at Basel; from 1802-1820 professor of anatomy and botany at Basel University. (*Hagenb.*).

HERBARIUM and TYPES: BAS (8000 taxa).
Ref.: Anon., Bot. Zeit. 9: 780. 1851, Flora 33: 94. 1850.
Binz, A., Verh. naturf. Ges. Basel 19(3): 150-151. 1908.
Burckhardt, Verh. naturf. Ges. Basel 18(1): 114. 1907.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 656; Barnhart 2: 109; BM 2: 763; CSP 3: 115; Kew 2: 549; Jackson p. 344; PR 3691 (ed. 1: 4039); Rehder 1: 433; Tucker 1: 310.
Anon., Bot. Zeit. 8: 96. 1850; Flora 32: 732-734. 1849.
Becherer, A., Bauhinia 6(1): 49-51. 1977.
Binz, A., Verh. naturf. Ges. Basel 13(2): 366-368. 1901.
Kirschleger, F., Fl. Alsace 2: lxxxi. 1857.
Meisner, C. F., Ber. Verh. naturf. ges. Basel 9: 57-59. 1851; Bot. Zeit. 9: 779-780. 1851.
Pritzel, G., Linnaea 19: 454. 1847.
Senn, Verh. naturf. Ges. Basel 54: 304-326. 1943.

COMPOSITE WORKS: Hagenbach was the author of the *Neue Folge* of J. D. Labram, *Sammlung von Schweizer Pflanzen* 1836-1846, see Senn (1943).

EPONYMY: *Hagenbachia* C. G. D. Nees & C. F. P. Martius (1823).

2262. *Tentamen florae basileensis* exhibens plantas phanerogamas sponte nascentes secundum systema sexuale digestas adjectis Caspari Bauhini synonymis ope horti ejus sicci comprobatis . . . Basileae [Basel] (Typis J. Georgii Neukirch) 1821–1834, 2 vols. Duod. (vol. 1 in sixes). (*Tent. fl. basil.*).

Vol. 1: 1821 (Nees had rd. the first sheets by 14 Apr 1821), portr. C. Bauhin, front., p. [i]-xviii, [1]-450, [1-2, err.], 2 handcol. copp. engr.
Vol. 2: 1834 (Hinrichs 24-30 Aug), p. [i]-viii, [1]-537. *Copies*: BR, G, L, NY, USDA.
Florae basiliensis supplementum . . . Basel (Typis J. Georgii Neukirch) 1843. Duod. (rd. Regenburg Oct 1843; rev. Bot. Zeit. 29 Dec 1843), front., p. [i-iii], [1]-220. *Copies*: G, NY, USDA.
Nachtrag: *in*: Bericht Verhandlungen Naturforschenden Gesellschaft Basel 7: 114-126. 1847.

Hagenbach's work contains a key to Casper Bauhin's (q.v.) names. The Werner de Lachenal (1736-1800) and Johann Jakob Hagenbach (1595-1649) herbaria used by C. F. Hagenbach for his *Tentamen* are also at BAS.
Ref.: Nees, C. G., Flora 4: 209-219. 14 Apr, 618-620, 21 Oct 1821.
Hagenbach, C. F., Verh. Schweiz. naturf. Ges. 1838: 222-239 (on a critical summary of the supplement).

Hagerup, Olaf (1889-1961), Danish botanist; educated at Copenhagen University under Warming; Dr. phil. Copenhagen 1930; travelled to Greenland (1924) and Niger (1927); from 1927-1935 lecturer at a pharmaceutical college; from 1935 curator at the Copenhagen Botanical Museum. (*Hagerup*).

HERBARIUM and TYPES: C.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 251; Barnhart 2: 100; BFM 1433; BJI 2: 66; BL 1: 38, 299, 2: 46, 664; Bossert p. 158; Hortus 3: 1194 ("Hagerup"); Hirsch p. 110; IH 2: 248; Kew 2: 550-551; Langman p. 344; Lenley p. 191; Moebius p. 140, 145; Roon p. 47; SK 1: 211-212, 5: cclxxxiii, 8: xl; Zander ed. 10, p. 666.
Anon., Rev. bryol. lichén. '30: 286. 1961.
Christensen, C., Danske bot. litt. 1912-1939, 1: 180-181. 1940 (bibl., portr.).
Correll, D. S., Taxon 11: 25-26. 1962.
Hansen, A., Dansk bot. Ark. 21: 63, 133-135. 1963.
Löve, A., Nature 193: 322. 1962.
Petersen, J. B., Bot. Tidsskr. 57(1): 67-68. 1961 (portr.).
Shamurin, V. F., Bot. Zhurn. 47(6): 896. 1962.
Skovsted, Aa., Taxon 10(7): 127, 201-205. 1961 (portr., bibl.); Naturh. Tid. 25: 69-70. 1962 (portr.).

Willis, J. H., Taxon 11: 177-178. 1962.
Wulff, E. V., Intr. hist. pl. geogr. Waltham 1943, p. 72, 92.

2263. *Vergleichende morphologische und systematische Studien über die Ranken* und andre vegetative Organe der Cucurbitaceen und Passifloraceen . . . København (H. Hagerups Boghandel . . .) 1930. Oct. (*Vergl. Stud. Ranken*).
Publ.: 1930, p. [1]-103, [104, cont.]. *Copy*: U. – Dansk bot. Ark. 6(8), 1930.

Hahn, Gotthold (*fl.* 1875-1911), German cryptogamist at Gera. (*G. Hahn*).

HERBARIUM and TYPES: L (lichens); other collections at JE, L, WA, WRSL. *Exsiccatae*:

(1) *Flechten-Herbarium mit Beschreibung*, Gera (Kanitz) 1884, nos. 1-70, 16 p. text, publ. Apr-Jun 1884. No sets known (Nat. Nov. Apr 1884).
(2) *Moos-Herbarium*. I. *Musci frondosi*, II. *Musci hepaticae*. Nos. 1-90. Gera (Kanitz) 1882 (Nat. Nov. Mai 1882, Bot. Zeit. 30 Jun 1882).
(3) *Deutschlands verbreiteste wildwachsende Gräser* (100 nos., 15 p. text) 1883.
Ref.: Sayre, G., Mem. New York Bot. Gard. 19(1): 128. 1969, 19(2): 210. 1971.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 110; BM 2: 764; Bossert p. 158; GR p. 85; LS 33980a-33984.
Christiansen, W. & W., Bot. Schrifttum Schlesw.-Holst. 315 (index). 1936.

2264. *Der Pilz-Sammler* oder Anleitung zur Kenntnis der wichtigsten Pilze Deutschlands und der angrenzenden Länder. Mit 135 nach der Natur gemalten Pilzarten. Zum Gebrauche für Jedermann bearbeitet von Gotthold Hahn. Gera (Verlag der Kanitz'schen Buchhandlung [R. Kinderman]) 1883. Oct. (*Pilz-Samml.*).

Ed. 1: Jun [-Jul] 1883 (p. iv: Jun 1883, Hedwigia Jun 1883; Bot. Zeit. 27 Jul 1883; Nat. Nov. Sep 1883), p. [i]-xi, [1]-87, *pl. 1-23* (chromolithographs). *Copy*: MICH.
Ed. 2: 1890 (pref. 1 Apr 1890, in 10 parts, see below), p. [i]-xvi, [1]-204, *pl. 1-32* (chromoliths. by W. Müller), errata slip. *Copies*: M, MICH, NY, Stevenson. – "... Mit 172 nach der Natur gemalten Pilzarten auf 32 Tafeln in Farbendruck. Zum ... Zweite völlig umgearbeitete und vervollständigte Auflage." Gera (Herm. Kanitz' Verlag).

Lief.	pages	*pl.*	Nat. Nov.
1	[1]-32	*1-4*	Mai 1890
2	33-48	*5-7*	Jun 1890
3	49-64	*8-10*	Jul 1890
4/5	65-96	*11-16*	Jul 1890
6/7	97-128	*17-22*	Aug 1890
8/10	[i]-xvi, 129-204	*23-32*	Sep 1890

Ed. 3: Jul-Aug 1903, p. [i]-xxiii, [1]-211, *pl. 1-32* (p. vi: Jan 1903; Bot. Zeit. 16 Aug 1903; Nat. Nov. Sep(1) 1903). *Copies*: MO, Stevenson. – "... Mit 176 ... Dritte verbesserte und vermehrte Auflage. Gera (Herm. Kanitz' Verlag) 1903. Oct.

2265. *Die Lebermoose Deutschlands*. Ein Vademecum für Botaniker... Gera (Verlag der Kanitzschen Buchhandlung (R. Kindermann)). 1885. Oct. (*Leberm. Deutschl.*).

Ed. 1: Sep-Oct 1885 (p. iv: Jul 1885; Nat. Nov. Nov 1885; Flora Nov 1885; Bot. Zeit. 25 Dec 1885), p. [i]-xiii, [xiv], [1]-90, *pl. 1-12*, handcoloured liths., errata slip. *Copies*: FH, G, M, NY.
Ed. 2: 1894 (Hedwigia 25 Oct 1894), p. [i]-xiii, [xiv], [1]-90, *pl. 1-12*, id., errata slip. *Copies*: B, BR, FH, G, M. – Gera (Herm. Kanitz' Verlag) Oct.

Ref.: Stephani, F., Hedwigia 25(1): 28-31. Jan-Feb 1886.
Prantl, H. A. E., Bot. Zeit. 44: 559-560. 13 Aug 1886.

Hahn, Otto (1828-1904), German lawyer and mineralogist at Reutlingen. (*O. Hahn*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 765; CSP 10: 111; Quenstedt p. 183.

2266. *Die Urzelle* nebst dem Beweis dass Granit, Gneiss, Serpentin, Talk, Gewisse Sandsteine, auch Basalt, endlich Meteorstein und Meteoreisen aus Pflanzen bestehen: die Entwicklungslehre durch Thatsachen neu begründet von Dr. Otto Hahn. Mit 30 lithographirten Tafeln. Tübingen (Verlag der H. Laupp'schen Buchhandlung) 1879. Oct. (*Urzelle*).
Publ.: Sep 1879 (p. vii: Aug 1879; Bot. Zeit. adv. 5 Sep 1879), p. [i]-vii, [1]-71, *pl. 1-30*, uncol. liths. *Copy*: G.

Haillant, Nicolas (*fl.* 1886), French botanist. (*Haill.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 212, 664; Kew 2: 551; Rehder 1: 74, 417; Tucker 1: 310.

2267. *Flore populaire des Vosges* . . . Paris (Société nationale et centrale d'horticulture de France. . .) Épinal (chez l'auteur, . . .) [1886]. Oct. (*Fl. pop. Vosges*).
Publ.: Jan-Apr 1886 (Nat. Nov. Mai 1886), p. [i, iii], [1]-220. *Copy*: NY. – Supplement to J. Soc. Hort. natl. France ser. 3, vol. 7/8. 1885/6.

Haines, Henry Haselfoot (1867-1945), British forester in India; Indian Forest Service (1888), Imperial forest botanist (1906); at Imperial Forest College 1907; Conservator of forests (1909-1919). (*Haines*).

HERBARIUM and TYPES: K (4650); other material at A, ABD, NY, WRSL. – Did not collect in Pakistan, but mainly around Bihar and Orissa (India).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 111; Desmond p. 278; Hortus 3: 1194 ("H. Haines"); IH 2: 249; Kew 2: 552; Rehder 5: 358; Zander ed. 10, p. 666.
Burkill, I. H., Proc. Linn. Soc. London 158: 68-70. 1947; Chapt. hist. bot. India 178-179. 1965.

2268. *A forest flora of Chota Nagpur* including Gangpur and the Santal-Parganahs (A description of all the indigenous trees, shrubs and climbers, the principal economic herbs, and the most commonly cultivated trees and shrubs (with introduction and glossary) . . . Calcutta (Superintendent Government Printing, India) 1910. 16-mo. (*Forest fl. Chota Nagpur*).
Publ.: 1910 (p. iv: 31 Mar 1908), p. [i*], [i]-vii, [1]-8, [9], [1]-634, [i]-xxxvii. *Copy*: USDA.
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2269. *The botany of Bihar and Orissa* an account of all the known indigenous plants of the province and of the most important or most commonly cultivated exotic ones with maps and introduction. London (Printed by Adlard & Son & West Newman, Ltd.) 1921-1925, 6 parts. Oct. (*Bot. Bihar Orissa*).

1: 1925 (p. ix: 20 Feb 1925), p. [i]-[x], 1-199, map.
2: 1921 (J. Bot. Jan 1922), p. [i], 1-224.
3: 1922, p. [i], 225-418.
4: 1922, p. [i], 419-754.
5: 1924 (J. Bot. Jun 1924), p. [i], 755-1058.
6: 1924, p. [i], 1059-1350.

Copies: B, BR, G, MICH, MO, NY, US.

Facsimile ed.: Calcutta (Botanical Survey of India) 1963 ("1961"), 6 parts in 3 volumes, (map lacking), p. xiii with a preface to the reprint by J. C. Sen Gupta. *Copies*: B, NY, US.

parts	pages reprint	pages orig.	in repr. vol.
1	1-192	1-199	1
2	1-233	1-224	1
3	235-437	225-418	2
4	439-791	419-754	2
5	793-1106	755-1058	2,3
6	1107-1372	1059-1350	3

Halácsy, Eugen von [Eugène de] (1842-1913), Austrian botanist of Hungarian descent, from 1859 in Wien; Dr. med. Wien 1865; practising physician 1865-1896; from 1896 part time medical consultant for an insurance company; Dr. phil. h.c. Athens 1912; 1899 Kaiserlicher Rat, 1913 Regierungsrat; explorer of the Greek flora. (*Halácsy*).

HERBARIUM and TYPES: W (herb. Graec., on permanent loan from WU); European herb. at WU.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 761, 5(1): 588, 6(1): 150, 697, 12(1): 218; Backer p. 651; Barnhart 2: 112; BFM 916, 1499; BM 2: 769, 6: 425; Bossert p. 159; Clokie p. 176; CSP 12: 304, 15: 575; DTS 1: 100-101; Hortus 3: 1194 ("Halácsy"); IF p. 700; IH 2: 249; Kew 2: 553; ÖBL 2: 156; Rehder 5: 358; SK 4: clxxxv; Tucker 1: 310-311; Zander ed. 10, p. 666.
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Co-author: Heinrich Braun (1851-1920), Austrian botanist.
Publ.: Mar-Jul (p. v: Jan 1882; submitted 1 Mar 1882; Nat. Nov. Aug 1882; Bot. Zeit. 29 Sep 1882; Flora 11 Jun 1883), p. [i]-v, [7]-354. *Copies*: B, G, NY. – Original work: A. Neilreich, *Flora von Nieder-Oesterreich* . . . 1859.

2271. *Flora von Niederösterreich.* Zum Gebrauche auf Excursionen und zum Selbstunterricht bearbeitet . . . Prag (F. Tempsky), Wien (id.), Leipzig (G. Freytag) 1896. Oct. (*Fl. Niederösterr.*).
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2272. *Conspectus florae graecae* . . . Lipsiae [Leipzig] (Sumptibus Guilelmi Engelmann) 1900-1908, 3 vols., 1 suppl. Oct. (*Consp. fl. graec.*).

vol.	part	pages	dates
1	1	[i*], [1]-224	Feb 1900
	2	225-576	Oct 1900
	3	[i, iii], 577-825	Oct 1901

vol.	part	pages	dates
2	1	[i], [1]-256	Apr 1902
	2	257-612	Oct 1902
3	1	[1]-320	Mar 1904
	2	[i*], [i]-xxv, 321-519, [520, err.]	Oct 1904
suppl.	1	[i-iv], [1]-132	Jun 1908
suppl.	2	[1]-105	Oct 1912

Supplement 2 was published in Magy. Bot. Lapok 11: 114-202. 1912; the separate has a Budapest (Typis Societatis Pallas) imprint; an index (p. 93-105) is added. *Copies*: G, MICH, MO, NY, U, US, USDA. – For preliminary studies in periodicals see CSP 15: 575. Fasc. 1 was announced (not necessarily as published) by Bot. Zeit. 16 Nov 1899; as publ. ib. 16 Apr 1900, J. Bot. Mar 1900.
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Ref.: J.M.C., Bot. Gaz. 29: 290-291. 30 Apr 1900(1,1), 30: 419. 26 Dec 1900 (1,2).
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Hall, Charles Albert (1872-1965), English clergyman who held pastorates at Hull, Bristol, Paisley, Southport and London (1896-1935); popular writer on British wild flowers. (*C. A. Hall*).

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BIBLIOGRAPHY and BIOGRAPHY: Desmond p. 279.

2273. *Plant-life* . . . London (published by A. & C. Black, Ltd. . . .) 1915. Qu. (*Plant-life*). *Publ.*: 1915, p. [i]-xi, [1]-380, *pl. 1-74* (50 in colour from drawings by C. F. Newall). *Copy*: NY.

Hall, Elihu (1822-1882), American botanist at Athens, Ill.; botanical explorer of the Rocky Mountains with C. C. Parry and J. P. Harbour; one of the organizers of the Illinois Natural History Society at Bloomington (1858). (*E. Hall*).

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2274. *Plantae texanae*: a list of the plants collected in Eastern Texas in 1872, and distributed to subscribers by Elihu Hall. Salem, Mass. (Printed at the Salem Press) 1873. (*Pl. tex.*).
Publ.: 1873, p. [1]-29 (in a single gathering). *Copies*: MICH, MO, NY.

Hall, Franklin Wilson (1852-1888), American botanist at New Haven, Conn. (*F. Hall*).

HERBARIUM and TYPES: material at LIV, PH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 113; CSP 12: 305; GR p. 220; IH 2: 250; Kew p. 557; LS 10730.

2275. *Catalogue of a collection of ferns* made in Southern Mexico, mainly at Chiapas, by A. Ghiesbrecht, in the years 1864-1870; by Franklin W. Hall, s.l.n.d. [New Haven 1873]. Oct. (size). (*Cat. coll. ferns*).
Publ.: Mar-Dec 1873 (p. [1]: 1 Mar 1873) p. [1]-10. *Copy*: G. – Daniel C. Eaton, in a footnote on p. [1], states that Hall did the work of identifying these ferns "under my constant supervision." The collector was Auguste Boniface Ghiesbrecht (1810-1893), see IH 2: 223.

Hall, Harvey Munroe (1874-1932), Californian pioneer biosystematist, at Berkeley, later at Carnegie Institution of Washington at Stanford; inspired the work of Clausen, Keck and Hiesey; took the first initiatives (1930) towards the establishment of an International Bureau of Plant Taxonomy and the compilation of the Index Herbariorum and type registers. (*H. M. Hall*).

HERBARIUM and TYPES: IC (nos. 10.921-x), UC (1-10.920), with duplicates at B, BH, BM, DS, E, GH, K, L, LAM, LE, MIN, MO, NA, NMC, NY, P, POM, S, SI, US, WELC. – Distributed sets of plants under the titles *Plants of Southern California*, *Plants of California*, *Plants of the Sierra Nevada Mountains* and similar series.

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EPONYMY: *Halliophytum* I. M. Johnston (1923). – The Harvey Munroe Hall Natural Area (Sierra Nevada, California).

2276. *A botanical survey of San Jacinto Mountain* . . . Berkeley (the University Press) 1902. Oct. (*Bot. surv. San Jacinto Mt.*).
Publ.: 7 Jun 1902, Univ. Calif. Publ. Bot. 1: 1-139, [140], *pl. 1-14*. *Copies*: NY, USDA. – M. Sc. thesis at UC.

2277. *Compositae of Southern California* . . . Berkeley (the University Press) Oct. (*Compos. S. Calif.*).
Publ.: 28 Dec 1907 (Nat. Nov. Jan(2) 1908), p. [1]-302, *pl. 1-3*, map. *Copies*: MO, NY, U, USDA. – University of California Publications in Botany, vol. 3. 1907.
Ref.: Parish, Muhlenbergia 4: 26. 14 Apr 1908.

2278. *A Yosemite flora.* A descriptive account of the ferns and flowering plants, including the trees, of the Yosemite National Park; with simple keys for their identification; designed to be useful throughout the Sierra Nevada Mountains . . . San Francisco (Paul Elder and company) 1912. 16-mo. (*Yosemite fl.*).
Co-author: Charlotta Case Hall (1880-1949) (*C. C. Hall*) (Mrs H. M. Hall) (see e.g. Amer. Fern J. 40: 192. 1950, Madroño 4: 1938, Ewan, Century 51. 1955).
Publ.: 8 Apr 1912 (p. ii; TBC 16 Aug 1912), p. [i]-vii, [1]-282, *front.* and *10* unnumb. *pl.*, *170 figs*. *Copies*: MO, NY, US, USDA.
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2279. *The phylogenetic method in taxonomy* the north American species of Artemisia, Chrysothamnus, and Atriplex. Washington, D.C. (Carnegie Institution of Washington) 1923. (*Phylogen. meth.*).
Co-author: Frederic Edward Clements (1874-1945).
Publ.: 20 Jul 1923 (stamp on p. [ii*] of several copies), p. [1*-ii*], [i]-iv, 1-156, [4, expl. pl.], *pl. 1-23*, 157-234 [2, expl. pl.], *pl. 24-35*, 235-346, [6, expl. pl.], *pl. 36-58*, 347-355 [ind.]. *Copies*: MICH, MO, NY, U, US, USDA. – Publication no. 326 of the Carnegie Institution of Washington.
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2280. *The genus Haplopappus* a phylogenetic study in the Compositae . . . Washington (Carnegie Institution of Washington) 1928. Oct. (*Haplopappus*).
Publ.: 1 Oct 1928 (p. [iv]), p. [i]-vii, [viii], [1]-391, *pl. 1-16*. *Copies*: MO, NY, U, US, USDA. – Publication no. 389 of the Carnegie Institution of Washington.

Hall, Herman Christiaan van (1801-1874), Dutch botanist and agronomist at Groningen. (*H. C. Hall*).

HERBARIUM and TYPES: L; other material at GRO, L, U, WAG.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 695; Backer p. 252; Barnhart 2: 114; BL 2: 422, 423, 431, 664; BM 2: 771; Bossert p. 159; CSP 3: 135, 6: 681, 7: 891; Hortus 3: 1206; IF p. 701; IH 2: 250; Jackson p. 324, 325; JW 1: 443, 451, 2: 191, 3: 352; Kew 2: 557-558; Langman p. 345; LS 10730; MD p. 136-138; NI 2221, 2247; Oudemans 2: 246-247, 255-256; PR 3701-3709 (ed. 1: 4056-4061); Rehder 5: 359; SK 1: 212; SO 817, 2473; TL-2/2007, 2932; Tucker 1: 311-312; Zander ed. 10, p. 727.
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Hall, H. C. v., Tuinbouw-flora 3: 357-366. 1856 (proposal to continue the *Flora Javae*).
Stafleu, F. A., Wentia 16: 5, 9, 10-11, 18-20, 26, 37. 1966; Grote Winkler Prins Encyclopedie 9: 62. 1969.
Terwen, J. L. & C. de Jong, Onze Tijdgenoten 350. s.d.

COMPOSITE WORKS: *Flora batava* (see J. Kops), vols. 5-8, 1828-1844.

EPONYMY: *Vanhallia* L. Marchand (1828); *Vanhallia* J. A. Schultes & J. H. Schultes (1829). *Note*: *Neohallia* W. B. Hemsley (1882) is "dedicated to Mrs. Eardley Hall (a daughter of . . . W. Borrer), of Barrow Hill, Henfield, Sussex, through whose kind help the author [i.e. Hemsley] was enabled to follow his inclination for the study of botany."

2281. Hermanni Christiani van Hall, . . . responsio ad quaestionem botanicam: elaboretur *historia et* in ea *accurata descriptio, viginti ad minimum plantarum indigenarum*, in qua singulae partes ad legem regularum, a Linnaeo in Philosophia botanica propositarum atque a Willdenowo emendatarum sunt definiendae. In certamine literario civium academiarum belgicarum, die viii. mensis februarii a. mdcccxix, ex sententia ordinis disciplinarum mathematicarum et physicarum Academiae lugduno-batavae, praemio ornata. Lugduni batavorum [Leiden] (apud S. et J. Luchtmans, . . .) 1820. Qu. (*Hist. descr. vig. pl.*).
Publ.: 1820, p. [i], [1]-40. *Copy*: NY.

2282. *Commentatio de systematibus botanicus* cum aliorum ante Linnaeum tum ipsius Linnaei. Traiecti ad Rhenum [Utrecht] (apud Otton. Ioann. van Paddenburgh, et I. van Schoonhoven, Academiae typographos) 1821. Oct. (*Comm. syst. bot.*).
Publ.: 1821, p. [i], [1]-104. *Copy*: G. – The author refers to himself on the t.p. as "med. stud." which would mean that the *Commentatio* preceded his thesis (see no. 2283).

2283. *Specimen botanicum*, exhibens synopsin graminum indigenarum Belgii partis septentrionalis, olim vii provinciarum, una cum appendice, qua nonnullae indigenae novae indicantur, quod, favente deo, praeside viro clarissimo Iano Kops, . . . ad publicam disceptationem proponit auctor Hermannus Christianus van Hall, Amstelodamensis, med. cand. die xix decembris mdcccxxi, hora xi. Traiecti ad Rhenum [Utrecht] (O. I. van Paddenburg), s.d. [1821]. Oct. (*Spec. bot.*).
Publ.: 19 Dec 1821 (AKL 28 Dec 1821, Bull. Férussac 26 Jan 1822, Flora 28 Jul 1822), p. [i-vi], [1]-167, [168, err.], *1 pl. Copies*: BR, G(2), KNAW, NY, U.

2284. *Flora Belgii septentrionalis*, sive index plantarum indigenarum quae hucusque in VII Provinciis Foederatis repertae sunt . . . *Flora van Noord-Nederland*, of korte aanwijzing der in het wild wassende planten, welke tot nu toe in de voormalige VII Verenigde Gewesten gevonden zijn. Amsterdam (J. C. Sepp en Zoon) 1825-1840, 2 vols. Oct. (*Fl. belg. sept.*).

vol.	pars	pages	dates	authors
1	1	[i]-xx, [1]-[364]	on or about 5 Apr 1825	van Hall
	2	[365]-746, [1-2, err.]	on or before 24 Jan 1826	van Hall
	3	[i]-[x], [747]-[862]	10 Jan 1836	van Hall
2	1	[i]-xvi, [1]-[231]	20 Jun-31 Dec 1832	Miquel (Hepaticae and some genera of mosses) Dassen (Fil., Lycop., Equis., other mosses)
	2	[i*] [i]-[xii], [233]-351	['1840'] 14 Feb 1841	van Hall (Lichenes)
		[i] [353]-477, [6, ind.]	['1840'] 14 Feb 1841	Miquel (Algae)

Copies: BR, G, FAS, MO, NY, U. – Miquel did the Hepatics and the genera *Hypnum*, *Bryum*, *Dicranum*, *Didymodon*, *Fissidens*, and *Leucodon* for vol. 2(1); the rest of the mosses and all the vascular cryptogams (incl. Equisetaceae) were done by Michiel Dassen (1809-1852). Wachter published a revision of Dassen's mosses in 1941. For an extensive bibliographical study of van Hall's *Flora* see Margadant (MD).
Supplementary notes: ("Nalezing . . .") in Bijdr. nat. Wet. 1: 135-150. 1826, 2: 110-124. 1827, 3: 47-62. 1828, 5: 78-87. 1830, 6: 159-170. 1931, 7: 26-38, 333-350. 1832.

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2286. *Elementa botanices*, in usum lectionum academicarum, conscripta ab H. C. van Hall, . . . Groningae [Groningen] (apud I. Oomkens) 1834. Oct. (*Elem. bot.*).
Publ.: 30 Jun-5 Jul 1834 (p. viii: 10 Mai 1834; Ned. Staatscour. 7 Jul 1834), p. [i]-xii, [1]-244, [1-2, err.], [3-15, index]. *Copies*: L, U.
Ref.: Vriese, W. H. de, *in* v.d. Hoeven en de Vriese, Tijdschr. nat. Gesch. 3: 81-91. 1836 (rev.).

2287. *Redevoeringen over het plantenrijk*, in zijne natuurlijke afdeelingen en in verband met het dierenrijk beschouwd: door H. C. van Hall, ... Ten vervolge op de redevoeringen van J. A. Uilkens, over de volmaaktheden van den Schepper in zijne schepselen beschouwd, tot verheerlijking van God en tot bevordering van nuttige natuurkennis. Groningen (J. Oomkens) 1837. Oct. (*Redevoer. plantenrijk*).
Publ. : 1837 (p. x: 15 Sep 1837), p. [ii]-xvi, [1]-299. *Copies*: AMD, U. – Vol 4(2) of H. C. van Hall, "De volmaaktheden van den Schepper in zijne schepselen beschouwd, . . . ten vervolge op de redevoeringen van J. A. Uilkens . . ." – Jacobus Albertus Uilkens (1772-1825) published the original edition of "De volmaaktheden van den Schepper in zijne schepselen beschouwd . . ." 5 vols., Groningen in 1801-1802.

2288. *Handboek der kruidkunde*, (tweede, verbeterde uitgave der Elementa botanices); door H. C. van Hall . . . Groningen (J. B. Wolters) 1846. Oct. (*Handb. kruidk.*).
Publ.: Sep-Dec 1846 (p. vi: 24 Aug 1846), p. [i]-viii, [1]-308, [1-2, cont.], [1, err.]. *Copy*: U.

2289. *Neêrlands plantenschat*, of Landhuishoudkundige Flora, behelzende eene beschrijving der onkruiden, vergiftige en nuttige inlandsche planten en der in onzen landbouw gekweekte gewassen. Leeuwarden (G.T.N. Suringar) 1854. Oct. (*Neêrl. plantenschat*).
Publ.: Oct-Dec 1854 (p. iii: 6 Sep 1854), p. [i*, iii*], [i]-[iv], [1]-332, [1, err.], *fig. 1-288. Copy*: U.

2290. *Toegepaste kruidkunde*. Handleiding tot aanwijzing van het gebruik, dat de mensch maakt van voorwerpen uit het plantenrijk. Groningen (J. B. Wolters) 1857. Oct. (*Toegep. kruidk.*).
Publ.: 1857 (p. ix: 9 Aug 1856), p. [i]-xii, [13]-214. *Copy*: U.

2291. *De planten der provincie Groningen*; door H. C. van Hall. s.n.l.d. [Groningen 1859], Oct. (*Pl. prov. Groningen*).
Publ.: Oct 1859 (KNAW rd. Oct 1859), p. [1]-24. *Copies*: GRON, KNAW. – Preprinted from *Statistische beschrijving der provincie Groningen*, vol. 1, 1860. Groningen (Erven C. M. van Bolhuis Hoitsema). Actually compiled by Gozewinus Acker Stratingh (1804-1876), Rembertus Westerhoff (1801-1874) and J. Bosman Tresling.

Hall, Herman van (1830-1890), Dutch botanist and botanical lexicographer; son of H. C. van Hall; curator at the Rijksherbarium; from 1866 high school teacher at Middelburg. (*H. Hall*).

HERBARIUM and TYPES: Not traced. Some material possibly at L.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 651; Barnhart 2: 114; Jackson p. 441; JW 1: 443, 5: 241; MW p. 149
Andreas, C. H., In en om een botanische tuin. Hortus Groningianus 155. 1976.
Stafleu, F. A., Wentia 16: 13-14. 1966; Taxon 20(5/6): 802. 1971.

2292. Dissertatio botanica inauguralis continens *Observationes de Zingiberaceis*, quam, annuente summo numine, ex auctoritate rectoris magnifici Frederici Kaiser, . . . et nobilissimae facultatis disciplinarum mathematicarum et physicarum decreto, pro gradu doctoratus, summisque in mathesi et philosophia naturali honoribus ac privilegiis, in Academia Lugduno-Batava rite et legitime consequendis defendet Hermannus van Hall, Groninganus. Ad diem xv m. januarii mdccclviii, hora xii. Lugduni Batavorum [Leiden] (Apud E.J. Brill. Academiae Typographum) s.d. [1858]. Qu. (*Observ. Zingib.*).
Publ.: 15 Jan 1858, p. [i-viii], [1]-54, [1-3, theses], *pl. 1-2* (by A. J. Wendel). *Copies*: L (Inst. Hist. Sci.), NY.
Trade issue: 1858, p. [i-vi], [1]-54, *pl. 1-2* (id.). *Copy*: USDA. "Observationes de Zingiberaceis. Auctore Dr. Hermanno van Hall. Lugduni-Batavorum, apud E. J. Brill, . . . 1858."
Ref. : BM 2: 771 and PR 3708 (in both attributed erroneously to the defendant's father, H. C. van Hall, 1801-1874).
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2293. *De Kruidtuin* van 's Rijks Hoogere Burgerschool te Middelburg. Systematische lijst van planten met verklaring en vertaling, alsmede opgave van hare Nederlandsche namen. Middelburg (H. A. Boudewijnse) 1871. Oct. (*Kruidtuin*).
Publ.: 1871, p. [1]-400, [1, err.]. *Copies*: L, Prov. Bibl. Zeeland. – Important as a botanical dictionary with many notes on derivation of names, biographical details on botanists and historical notes on cultivated plants. Forerunner of Gerth van Wijk and Backer's botanical dictionaries.

Hall, James (of Albany) (1811-1898), American geologist and palaeobiologist; pupil of Amos Eaton; leader of the New York Geological Survey 1843-1898. (*J. Hall*).

COLLECTIONS: Herbarium specimens at F.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 273-274; Barnhart 2: 114; BM 2: 771-772, 6: 426; BL 1: 204, 299; CSP 3: 136, 7: 891, 10: 116, 12: 305-306, 15: 583-584; DAB (by G. P. Merrill); Kew 2: 558; Lenley p. 209, 458 (Torrey corr.); ME 1: 191, 3: 589 [index]; Merrill p. 379-383, 698, 699, 722-723, *pl. 20*; Pennell p. 608; Quenstedt p. 184-185; Rehder 5: 359; TL-2/1614, 1852; Tucker 1: 312.
Ami, Ottawa Naturalist 12: 114-115. 1898.
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Barrois, Bull. Soc. géol. France ser. 3. 27: 168-173. 1899.
Clarke, J. M., Geol. Magaz. 57: 483-486, *pl. 10*. 1920 (portr.); James Hall of Albany geologist and palaeontologist 1811-1898. (second printing) Albany 1923, 565 p. (portr.).
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HANDWRITING: Bull. Geol. Soc. Amer. 10: *pl. 49*. 1898.

2294. *Palaeontology of New York* . . . Albany (printed by C. van Benthuysen) vols. 1-2, 1847[1848], 1851[1852]. Qu. (*Palaeontol. New York*).
Publ.: Part VI of the *Natural History of New York*, entitled Palaeontology of New York, by J.

Hall, consists of 8 volumes (1847-1894, [1895]) of which vols. 1 and 2 are of importance for palaeobotany. For *Botany* (part 2), see under J. Torrey.

Vol. 1: "1847" published 1847-1848 (1848, fide BM; dedication 1 Sep 1846; possibly in parts 1847-1848), p. [i]-xxiii, [1]-338 [1, err.], *pl. 1-87, 4 bis, 5 bis, 13 bis, 31 A-B, 32 A-D, 33*, 40 A, 69 A, no. 82* lacking, no. *23* as "*20*"; uncol. liths. *Copies*: MICH, NY, Teyler, USDA.
Vol. 2: in parts 1851-1852 (t.p. 1852; dedic. 1 Sep 1852; BM "1851"), p. [i]-viii, [1]-362, [1, err.], plates (with text) *1-85, 4 bis, 5 a, 17 A, 25 as "20", 26 as "21", 34 A, 34A(bis), 35(bis), 36A, 37A, 40 A-G, 41A, 49a, 62* unnumbered, *66A, 77a, 85 as "83"*. Copies: NY, Teyler.

Hall, Thomas Batt (1814-1886), British naturalist at Coggeshall, Essex (1814-1835, 1839-1852), Liverpool (1835-1839), in Australia (1852-1886). (*T. Hall*).

HERBARIUM and TYPES: LIV, GL, Essex Field Club Museum. – Letters at LIV.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 114; BB p. 135; BM 2: 773; Desmond p. 280; IH 2: 250; Kew 2: 560; Jackson p. 255; PR 3710 (ed. 1: 4062); Rehder 5; 359; Tucker 1: 312.
Anon., Essex Natural. 4: 226. 1890.
Dallman, J. Bot. 60: 279. 1922 (note on a study on Hall and his flora by Dallman in the Lancashire and Cheshire Naturalist for Mai-Jun 1922, n.v.).
Dallman and Wood, Trans. Liverpool bot. Soc. 1: 71. 1909.
Kent, D. H., Brit. herbaria 58. 1957.
Warren, J. B. L., Fl. Cheshire lxxxii. 1899.

2295. Under the superintendence of the council of the Natural History Society. *A flora of Liverpool*, by T. B. Hall, with an engraved map; and an appendix, containing meteorological tables & observations for the year 1839 by Wilson Armistead. London (Whitaker & Co.), Liverpool (Walmsley; T. Hodgson) s.d. [1839]. Duod. (in sixes). (*Fl. Liverpool*).
Publ.: 1839, map, p. [i]-xvii, [1, h.t.], [1]-186, [1, err.], 2 tables. *Copies*: G, MO NY.

Halle, Johann Samuel (1727-1810), German botanist, professor at the military school at Berlin. (*J. Halle*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY AND BIOGRAPHY: Barnhart 2: 115; BM 2: 774; Dryander 2: 5, 3: 543; Kew 2: 560; NI 772nb; Plesch p. 248; PR 3712 (ed. 1: 4064); Rehder 5: 359; Sotheby 314.

EPONYMY: *Hallia* Thunberg (1799) is dedicated to Birger Mårten Hall (1741-1841), Swedish physician and botanist.

2296. *Die deutsche Giftpflanzen*, zur Verhütung der tragischen Vorfälle in den Haushaltungen, nach ihren botanischen Kennzeichen, nebst den Heilungsmitteln. Berlin (1: Joachim Pauli, 2: Wilhelm Oehmigke d. J.) 2 vols., 1784-1793. Oct. (*Deut. Giftpfl.*).

Ed. 1.: *Copies*: G, MO. – "Die deutsche [sic] . . ."
vol. 1.: Apr-Mai 1784 (NZgS 21 Jun 1784), p. [i*], [i]-viii, [1]-119, *pl. 1-16*, coloured, drawn and engraved by author. "Mit 16 nach der Natur ausgemahlten Kupfern. Der Tod in den Töpfen!"
vol. 2.: 1793, p. [i], [1]-126, *pl. 1-8*, id.
Ed. [2]: Wien (gedruckt bey Johann Thomas Edlen von Trattnern) 1785-1793, 2 vols. Oct. *Copies*: MO, NY.
vol. 1.: 1785, p. [1]-8, [1]-119, *pl. 1-32*, handcol. copper engr.
vol. 2.: 1793, p. [i], [1]-126, *pl. 1-8*, id. (J. W. Engelman sc.).
Ed. 3.: Berlin (bei Wilhelm Oehmigke, dem jüngern) 1794-1795, 2 vols. *Copies*: M, NY, USDA.
vol. 1.: 1794, p. [i*, iii*], [i]-iv, [1]-138, *pl. 1-16* as above.
vol. 2.: 1795, p. [i], [1]-126, *pl. 1-8*, id.
Neue Auflage: Berlin (id.) 1801-1803, 2 vols. *Copy*: HH.
vol. 1.: 1801, p. [i]-viii, [9]-194, [1], *pl. 1-16*.

vol. 2.: 1803, p. [i]-x, [1]-110, [1]-54, [1], *pl. 1-8.*
Anhang: [1803], p. [1]-54, [1-2], "... Erläuterung bot. Kunstausdrücke."

Halle, Thore Gustaf (born Gustafson) (1884-1964), Swedish palaeobotanist at the Naturhistoriska Riksmuseet, Stockholm. (*T. Halle*).

HERBARIUM and TYPES: S, S-PA; further material at BA, G, GB, LD, UPS.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 274; Barnhart 2: 115; BJI 2: 66; BM 6: 427; Bossert p. 160; Hirsch p. 111; IH 2: 251; KR p. 258-260.
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Lundblad, B., Sv. biogr. lex. 18: 15-17. 1967 (portr.).
Schuster, R. M., Hep. Anthoc. N. Amer. 1: 48. 1966.
Walton, J., Yearb. R. Soc. Edinburgh 1964-65: 20-22. 1966.

DEDICATION: (60th birthday), Sv. bot. Tidskr. 38(3). 1944 (portr.).

EPONYMY: *Halletheca* T. N. Taylor (1971).

2297. *Zur Kenntnis der mesozoischen Equisetales Schwedens* ... Uppsala & Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) 1908. Qu. (*Kenntn. mesoz. Equiset. Schwed.*).
Publ.: Jan-Jul 1908 (submitted 4 Dec 1907; Nat. Nov. Aug (2) 1908; US rd. 30 Nov 1908), p. [1]-56, *pl. 1-9. Copy*: US. – K. Sv. Vet.-Akad. Handl. 43(1).
Ref.: Diels, F. L. E., Bot. Jahrb. 43(Lit.): 25. 1909.

2298. Wissenschaftliche Ergebnisse der schwedischen Südpolar-Expedition 1901-1903 unter Leitung von Dr. Otto Nordenskjöld Band iii. Lieferung 14. *The mesozoic flora of Graham Land* ... Stockholm (Lithographisches Institut des Generalstabs), Berlin W (A. Asher & Co.), Paris (Haar & Steinert ...), London W (Dulau & Co.) 1913. Qu. (*Mesoz. fl. Graham Land*).
Publ.: Feb-Mar 1913 (p. 123: printed 22 Jan 1913; New Phytol. Apr-Mai 1913), cover, [1]-123, *pl. 1-9* (uncol. lith. Th. Ekblom). *Copy*: NY.

2299. *Lower Devonian plants from Röragen* in Norway. Stockholm (Almqvist & Wiksells Boktryckeri A.-B.) 1916. Qu. (*Lower Devon. pl. Röragen*).
Publ.: 1916, p. [1]-46, *pl. 1-4* (doubl. plates). *Copy*: USGS. – K. Sv. Vetenskapsakad. Handl. 57(1), 1916.

2300. *Palaeozoic plants from Central Shansi.* [Palaeontologica sinica series A, vol. 2, fascicle 1.] Peking (Geological Survey of China) 1927. Qu. (*Palaeoz. pl. Shansi*).
Publ.: Nov 1927 (p. 2), p. [1]-316, [1, list], *pl. 1-64* with each 2p. letterpress, uncol. lith. and photogr., [3 p. Chinese letterpress]. *Copies*: MICH, NY, U.

2301. *The structure of certain fossil spore-bearing organs* believed to belong to Pteridosperms ... Stockholm (Almqvist & Wiksells Boktryckeri-A.B.) 1933. Qu. (*Struct. spore-bear. org.*).
Publ.: Jul.-Dec 1933 (read 7 Jun 1933; p. 103: Dec 1933; USDA rd. 6 Apr 1934), p. [1]-103, *pl. 1-15. Copies*: US, USDA. – K. Vet.-Akad. Handl. ser. 3. 12(6).

Haller, Albrecht von (1708-1777), Swiss naturalist, poet and novelist; studied medicine at Tübingen (1723-725), Leiden (with Boerhaave, 1725-1727), London and Paris; practicing physician at Bern (1729-1736) and Goettingen (1736-1753); "Ammann" at Bern 1753-1756; supervisor Salt Industry Bex (1756-1764); at Bern 1764-1777. (*Haller*).

HERBARIUM and TYPES: Main herbarium at P (59 vols., 10.000 species; taken from Pavia by French troops in 1796 and never reclaimed), with collections by Haller, C. Allioni, C. Bauhin, J. G. Gmelin, A. Gouan, J. F. Gronovius, B. de Jussieu, N. J. Jacquin, L. G. Lemonnier, C. Linnaeus and Ortega in addition to Swiss collections by G. D. Duvernoy, A. Gagnebin, J. Gessner, A. Huber and P. Thomas. Haller founded the Göttingen University herbarium (see Zoller 1958).

Haller was among the first botanists to realize the importance of herbaria to study variation in plants and he therefore purposely included material from different localities,

habitats and developmental phases. Haller also grew many plants from the Alps himself.

The herbarium of Haller fil. (at G) also contains material collected by Haller sen. ("les débris" Briquet); other material is at B, GOET, KIEL, LINN, MW, OXF, PH, SBT.
Ref.: Bonnet, J. de Bot. 354-360. 1889.

BIBLIOGRAPHY and BIOGRAPHY: ADB 10: 420-429; AG 2(1): 204, 1: 62, 12(3): 149; Ainsworth p. 115, 197, 226, 251, 254, 263, 311; Backer p. 251; Barnhart 2: 115; BM 2: 774-775; Bossert p. 160; Clokie p. 176; Dawson p. 214, 936 [index]; Dryander 5: 266-267; Frank 3(Anh.): 40; GFB p. 58; GR p. 632, cat. p. 643, *pl.* [*21*]; Henrey 2: 165, 243, 720, 3: 51; Hortus 3: 1194 ("Haller"); HU 506, 535, 546, 622; Jackson p. 6, 305, 341, 342; Kew 2: 561; Kirschleger 2: xxxviii-xli; Krempelh. 2: 37; KR p. 260; Lasègue p. 67, 570; LS 10735-10749, 34023; Moebius p. 46, 450; NI 773-775, 775n; 3: 37; Plesch p. 248; PR 3713-3729 (ed. 1: 4065-4085); Rehder 5: 359; RS p. 86; Saccardo 1: 88, 2: 57; SO 650add., 1276, 1820, 2461c, 2468, 2502a, add. 2526b, 2537, 2545, 3625; Sotheby p. 315-317; TL-2/see 2285 and index TL-2/1; Tucker 1: 312; Zander ed. 10, p. 666.

Note: The literature on Haller is enormous and spreads through the sciences, arts and humanities. We list a number of papers dealing more especially with H's botanical work. Many other references to such contributions will be found in the book treatments below.

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HANDWRITING: Smith, J. E., Sel. corr. Linnaeus 2: *pl. 15, 16.* 1821; Lindeboom, Haller in Holland 35. 1958; Candollea 30: 383-384. 1975; Musées de Genève 179: 9. 1977.

EPONYMY: *Halleria* Linnaeus (1753).

POSTAGE STAMPS: Switzerland 30 c. (1934) yv. 281; 5 + 5 c. (1958) yv. 616.

2302. Alberti Haller . . . *De methodico studio botanices* absque praeceptore. Dissertatio inauguralis quum primum anatomes, botanices et chirurgiae professionem publicam ordinariam in Academia Georgia Augusta regio jussu capesseret ad diem xii Oct. mdccxxxvi. Gottingae

[Göttingen] (apud Abramum Vandenhoeck Academiae typographum) s.d. [1736]. Qu. (*Meth. stud. bot.*).
Publ.: 12 Oct 1736, p. [1]-32. *Copies* : MO, NY. – Reprinted in Haller, Opuscula sua botanica 35-74. 1749.

2303. Dissertationem botanicam *de Pedicularibus* quae specimen est historiae stirpium in Helvetia sponte nascentium rectore magnificentissimo serenissimo et potentissimo principe Georgio II . . . reliqua publico eruditorum examini subiicit praeses D. Albertus Haller . . . et respondens Arnoldus Julius Johannes Richers hoyensis ad diem xii. Oct. mdccxxxvii. h.l.q.s. Gottingae [Göttingen] (Stanto I. C. L. Schultzii, Acad. Typogr.) s.d. [1737]. Qu. (*De Pedicular.*).
Publ.: 12 Oct 1737, p. [i-vi], [1]-44. *Copy*: NY.

2304. Ex itinere in sylvam hercyniam hac aestate suscepto *Observationes botanicas* eruditorum examini proponunt praeses Albertus Haller . . . in Academia Georgia Augusta et respondens Fridericus Ludovicus Christianus Cropp . . . ad d. [ ] octobr. mdccxxxviii. h.l.q.s. Gottingae [Göttingen] (sumtu Mich. Turpionis) s.d. [1738]. Qu. (*Observ. bot.*).

Thesis issue: 16 Oct 1738 (p. [2]), p. [i-iv], [1-70], [1-2, theses], *1 pl.* (uncol. copper engr.). *Copy*: USDA.
Trade issue: Alberti Haller . . . *Observationes botanicae* ex itinere in sylvam hercyniam anno mdccxxxviii suscepto. Gottingae [Goettingen] (sumtu Mich. Turpionis) s.d. – *Publ.*: 1738 (after 16 Oct 1738), p. [1]-70, [1-2, theses], *1 pl.* (id.). *Copy*: MO.
Reprint: in Haller, *Opuscula sua botanica* 75-152. 1749.

2305. Alberti Haller . . . *Iter helveticum* anni mdccxxxviiii. *Gottingae* [Göttingen] (sumtu reg. univers. offic. librariae) 1740. Qu. (*Iter helv.*).
Publ.: 1740 (p. [vi]: 31 Oct 1739), p. [i-vi], [1]-120, *pl. 1-2*, uncol. copper engr. *Copy*: USDA.
Reprint: in Haller, *Opuscula sua botanica* 167-320. 1749.

2306. D. Alberti Haller . . . *Enumeratio methodica stirpium Helvetiae indigenarum*. Qua omnium brevis descriptio et synonymia compendium virium medicarum dubiarum declaratio novarum et rariorum uberior historia et icones continentur. Gottingae [Göttingen] (Ex officina academica Abrami Vandenhoek) 1742, 2 vols. Fol. (2 sheets/sign.). (*Enum. meth. stirp. Helv.*).

Vol. 1: 1742 (p. iv: 20 Jul 1742; GGA 27 Sep 1742), portr. Haller, p. [i-iv], [1]-424, *pl. 1-9* (uncol. copper engr.).
Vol. 2: 1742 (id.), p. [i], 425-794, *pl. 10-24* (id.).
Copies: BR, G, MO, NY, U; IDC 5945.
Emendationes et auct.: Bernae 1759, p. [1]-47. *Copy*: USDA.

2307. Alberti Haller . . . *Flora jenensis* Henrici Bernhardi Ruppii ex posthumis auctoris schedis et propriis observationibus aucta et emendata accesserunt plantarum rariorum novae icones, Jenae [Jena] (Sumptibus Christ. Henr. Cunonis) 1745. Oct. (*Fl. jenens.*).
Original author: Heinrich Bernhard Ruppius (1688-1719).
Publ.: 1745 (p. [vi]: 11 Sep 1744), p. [i-xvi], chart, [1]-416, [1-22, index; 1, err.], *pl. 1-5*, uncol. *Copy*: BR. This is ed. 3 of H.B. Rupp, *Flora jenensis*, 1718, q.v.

2308. *Opuscula sua botanica* prius edita recensuit retractavit auxit conjuncta edidit Albertus Hallerus. Gottingae [Göttingen] (apud. Jo. Wilh. Schmid, Acad. bibliop.) 1749. Oct. (*Opusc. bot.*).
Publ.: 1749, p. [i-viii], [1]-396, with 4 copper engravings. *Copies*: L, US, USDA; IDC 6198.

2309. *Enumeratio plantarum horti regii et agri Gottingensis* aucta et emendata ab Alberto de Haller horti praefecto. Gottingae [Göttingen] (Apud Viduam Abrami Vandenhoeckii) 1753. Oct. (*Enum. pl. Gotting.*).
Publ.: Apr 1753 (Ostern 1753, fide GGA 14 Jun 1753; preface 6 Dec 1752 hence prelinnaean), p. [i]-lxxx, [1]-424, [1-18, ind.]. *Copies*: G, MO, NY, US, USDA; IDC 101.
Ref.: Da 1967; HU 546; RS p. 86; Sotheby no. 315.
Fuchs, H. P., Taxon 12: 204-205. 1963.

2310. *Enumeratio stirpium*, quae in Helvetia rariores proveniunt. [Lausanne 1760] Oct. (*Enum. stirp.*).
Publ.: 1760 (rev. GGA 3 Jun 1762, sic), p. [1]-56. *Copies*: G; IDC 102.

2311. Alberti v. Haller *Historia stirpium indigenarum Helvetiae inchoata* . . . Bernae (Sumptibus Societatis typographicae) 1768, 3 vols. Fol. (*Hist. stirp. Helv.*).

1: [i*-iv*], i-lxiv, [1]-444, *pl. 1-20*, publ. 17 Mar-8 Aug 1768.
2: [i], [1]-323, *pl. 21-44, 37b*. 1768 ["hic tomus Lausanne editus 1767" Haller in copy at P], *pl. 30* and *34* on one plate.
3: [i], [1]-204, *pl. 45-48*. 1768 ["ex prelo prodiit 25 mart. 1768 et eodem tempore Lausannae" idem].

Copies: BR, G, MICH,MO, NY, U. The plates are uncoloured copper engravings, some signed C. J. Rollinus. All three volumes were reviewed in Jenaische Zeit. gel. Sachen of 8 Aug 1768. The dates of publication can be accepted to be 1: 17 Mar-8 Aug 1768; 2: 1767; 3: 25 Mar 1768. – The names only (with some amendments) were published in *Nomenclator stirpium Helvetiae indigenarum*, Bern 1769, see no. 2312.
Additamenta: see Roemer, Arch. Bot. 1(2): 1-12. 1797.
Ref.: DA 1967; DU 125; NAF 1(1): 160, 9(6): 437; RS p. 86; IDC 5946.
Suter, Flora Helvetica, Zurich 1802 (provides binary names for Haller's species described in the Historia).
Bonnet, J. de Bot. 3: 359. 1889; Bull. Soc. bot. France 41: cxlvii-cli. 1894 (on a copy annotated by Haller).
Wilmott, J. A., Bull. misc. Inf. Kew 1935: 90 (proposal to treat names in this work as not validly published (not accepted)).
De Beer, Ann. Sci. 9: 1-46. 1953.

2312. *Nomenclator ex Historia plantarum indigenarum Helvetiae* excerptus auctore. Bernae (Sumptibus Societatis Typographicae) 1769. Oct. (*Nomenclator*)
Publ.: 1769 (p. iv: 8 Jun 1768), p. [i]-iv, [1]-216. *Copies*: BR, FH(2), G (interleaved), MICH, MO, NY, US. – No binary names. According to NZgS of 11 Aug 1768 the book was to be available at the Michaelis-Messe, late Sep 1768. There is no indication that the book was actually published in 1768. The Nomenclator lists the names of the *Historia* (1768) (2311) with several amendments.

2313. *Bibliotheca botanica*. Qua scripta ad rem herbariam facientia a rerum initiis recensentur . . . Tiguri [Zürich] (Orell, Gessner, Fuessli, et. Socc.) 2 vols. 1771-1772. Qu. (*Bibl. bot.*).

Vol. 1: 1771 (p. xvi: 1 Jan 1771), frontisp. portr. Haller, p. [i]-xvi, [1]-654.
Vol. 2: 1772 (p. [iv]: 9 Apr 1772), p. [i], [1]-785.
Copies: G, MO, NY.
Facsimile ed.: Bologna (Forni) 1967, also New York and London (Johnson Reprint), 2 vols. as above with additional t.p.'s and in vol. 2 a facsimile reprint of J. C. Bay, *Bibliotheca botanica auctore Alberto de Haller. Index emendatus*, Bern (Benteli et Socii) 1908 (Nat. Nov. Nov(2) 1908), p. [i-v], 1-57.
Index (see above, facs. ed.): J. C. Bay, *Index emendatus*, 1908. *Copies*: MO, NY, U, US; IDC 100.

2314. Joh. Scheuchzeri *Agrostographia* sive Graminum, Juncorum, Cyperorum, Cyperoidum, iisque affinium historia. Accesserunt Alberti v. Haller synonyma nuperiora, graminum septuaginta species, de generibus graminum epicrisis. Denique plantae rhaetici itineris anno 1709, a J. Scheuchzero suscepti. Tiguri [Zürich] (apud Orell, Gessner, Fuessli & Socc.) 1775. Qu. (*Agrostographia*).
Original author: Johann Scheuchzer (1684-1738) (orig. ed. 1719).
Publ.: 1775 (p. viii: 9 Jun 1774), p. [i]-viii, [1-38], 1-512, index Ttt^1-Xxx^4, *pl. 1-11*, uncol. copper engr., [1-24, index], appendix [by Haller:] [1]-92, *pl. 1-8*, id. *Copies*: BR, G, M, MO, NY. – *Pl. 1-11* by David Herrliberger, *Pl. 1-8* by Joh. H. Huber.
Separate edition of A. v. Haller's appendices: "Alb. von Haller *Appendices in Joh. Scheuchzeri Agrostographiam*. Tiguri, apud Orell, Gessner, Fuessli & Socc. 1775" Qu., p. [i], [1]-92, (p. 2 dated 3 Dec 1772). *Copy*: WU (no plates).

2315. *Beschreibung der Geschlechter, Arten und Spielarten des Getreydes.* Aus dem Lateinischen des sel. Herrn Albrechts von Haller. Mit Kupfern. Bern (bey der alten typographischen Gesellschaft) 1781. Oct. (*Beschr. Geschl. Getreyd.*).
Publ.: 1781, p. [i], [1]-94, 1 uncol. copper engr. *Copy*: M. – Translation of "*Genera, species et varietates cerealium*", sermo 1, Nov. Comm. Soc. Gott. 5: 1-23, sermo 2, ib. 6: 1-22.

2316. *Histoire des plantes suisses*, ou matière médicale et de l'usage économique des plantes; par M. Alb. de Haller . . . Traduit du Latin (chez la Société typographique) 1791, 2 vols. Oct. (*Hist. pl. suisses*).
Publ.: 1791. *Copies*: B, MO. – *Vol. 1*: p. [i]-vi, [1]-368; *Vol. 2*: p. [i], [1]-360. – See also Haller, *Matière médicale* tirée de Halleri Historia stirpium indigenarum Helvetiae, Bern 1776, 2 vols. (transl. P. R. Vicat) (see BM 2: 774; Rehder 3: 89).

2317. Alberti von Haller *Icones plantarum Helvetiae*, ex ipsius historia stirpium helveticarum denuo recusae, cum descriptionibus clarissimo auctoris, ejusque praefatione de rebus historiam naturalem Alpium helveticarum illustrantibus. Additis notis editoris. Bernae (Sumptibus Societatis Typographicae) 1795. Fol. (*Icon. pl. Helv.*).
Editor: Jakob Samuel Wyttenbach (1748-1830).

Ed. 1: 1795 (pref. 17 Mar 1795), p. [i]-xxxviii, [1]-68, *pl. 1-52* (on 46 sheets, nos. *28-29, 33-34, 35-37, 39-40, 43-44* combined on one sheet), uncoloured copper engr. by C. J. Rollinus. *Copies*: BR, G, M, NY (*pl. 39, 40* separate).
Ed. 2: 1813, p. [i]-xxxviii, [1]-68, *plates idem* (but *pl. 39* and *40* sometimes on different leaves). *Copies*: G, MO, NY (*pl. 39, 40* combined), USDA. – "(Editio denuo emendata et renovata . . .)". Bernae (Sumptibus Bibliop. Typographici). Fol.
Note: posthumous; compiled from a mss second ed. of no. 2311.

Haller, Albrecht von, filius (1758-1823), Swiss botanist at Bern; son of A. von Haller; studied at Bern; followed a political and administrative career at Bern (temporarily at Interlaken) paralleling a scientific career as professor of botany at the Bern medical institute (1798) and director of the Bern botanical garden (1806). (*Haller f.*).

HERBARIUM and TYPES: G. – Another, small, herbarium is at BERN. The main herbarium at G, willed by Haller to the "Bibliothèque de Genève" is mainly central European; it is incorporated in the general herbarium. This gift led to the establishment of the Genève Conservatoire botanique.
Ref.: Crépin, F., Annu. Jard. Cons. bot. Genève 1: 12-31. 1897 (*Rosa*).
Arvet-Touvet, J. M. C., ib. 1: 68-89. 1897.
Wettstein, R. von, ib. 5: 127-130. 1901. (*Gentiana*).
Hackel et Briquet, ib. 10: 26-98. 1907. (*Gram.*).
Cavillier, F. G., *in* J. Briquet, Bull. Soc. bot. Suisse 50a: 254-255. 1940.
Miège & Wuest, Saussurea 6: 130. 1975.

BIBLIOGRAPHY and BIOGRAPHY: AG 10: 642, 2(1): 405; Barnhart 2: 115; BM 2: 775; Bossert p. 160; Dryander 5: 70; Hortus 3: 1194 ("Haller f."); IH 2: 251; Kew 2: 561; PR post 3729.
Briquet, J., Bull. Inst. natl. Genevois 37: 178-198. 1907 (portr.); Bull. Soc. bot. Suisse 50a: 248-258. 1940 (bibl.).
Burdet, H., Musées de Genève 179: 13-16. 1977 (portr.).
Candolle, A. P. de, Mém. souvenirs 300, 353. 1862.

HANDWRITING: Candollea 30: 386. 1975.

Haller, Gottlieb Emmanuel von (1735-1786), Swiss statesman and botanist at Bern; son of Albrecht von Haller senior. (*G. Haller*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 115; Dryander 1: 180, 3: 19; PR 3730 (ed. 1: 4086-4089); Rehder 5: 359-360; SO 266, 267, 2468, 2511; Tucker 1: 312.
Hulth, J. M., Bref Skrifv. Linné 2(1): 120. 1916.

2318. *Dubiorum contra sectionem septimam fundamentorum botanicorum illustris Linnaei.* Manipulus primus. Quo Philippo Conrado Leonhardo summos in medicina honores ex animo adgratulatur Theophilus Emanuel Hallerus . . . Gottingae [Göttingen] (Apud Victorin-Bossiegel) 1753. Qu. (*Dub. fund. bot. Linn.*).

Manipulus primus: 1753, p. [1]-19.
Manipulus secundus: "quo Joanni Adriano Theodoro Sproegelio . . ." 1753, p. [1]-15.

Copy: B. – Manipulus tertius-quintus, 1753, not seen but mentioned by PR. Not in HA 2: 397. See PR ed. 1, nos. 4086-4089 for the complete series of pamphlets dealing with this criticism of Linnaeus.
Ref.: HA 2: 397; PR 3730; Rehder 1: 530 (Dubia . . . J. G. Zimmermano . . . gratulatur, Goettingae 1751, 24 p.!, see also PR ed. 1: 4087.)

Hallier, Ernst Hans (1831-1904), German botanist and parasitologist, professor of botany at Jena but mostly living in Münich; nephew and pupil of Schleiden. (*Hallier*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 30; Andrews p. 274; Barnhart 2: 115; BFM 10, 15; BM 2: 775-776, 6: 428; Bossert p. 160; CSP 3: 140, 7: 892-894, 10: 119, 12: 307, 15: 592; De Toni 1: lvii, 2: lxii; DTS 1: 101, 6(4): 146; DSB 6: 72-73; Frank 3 (Anh.): 40; GFB p. 58; GR p. 85; Hortus 3: 1194 ("E. Hallier"); Kew 2: 562; Jackson p. 555 [index]; Langman p. 345; LS 10742-10824, 34024; NAF ser. 2. 4: 43; NI 776; Plesch p. 249; Ratzeburg p. 221-222; Rehder 5: 360; TL-2/1592; Tucker 1: 312.
Anon., Bot. Not. 1905: 56; Bot. Zeit. 63(2): 32. 1905.
Christiansen, W. & W., Bot. Schrifttum Schlesw.-Holst. 315. 1936.
Deby, J., Bibl. micr. micrograph. studies 3: 30. 1882 (bibl. diat. publ.).
Engler, A., Bot. Jahrb. 37(Beibl. 84): 3. 1906.
Fischer-Benzon, R. J. D. von, *in* P. Prahl, Krit. Fl. Schleswig-Holstein 2: 21. 1890.

COMPOSITE WORKS: (1) published ed. 5 of D. F. L. von Schlechtendal et al., *Flora von Deutschland*, 30 vols. and ind., 1880-1888.
(2) W. D. J. Koch, *Taschenbuch der deutschen und schweizer Flora*, ed. 7 and 8, published and edited by Ernst Hallier, see under W. D. J. Koch. See TL2/3805.
(3) W. D. J. Koch, *Synopsis der deutschen und schweizer Flora*, ed. 3, vols. 1-3, by E. Hallier, continued by R. Wohlfarth and A. Brand, 1890-1907; see under W.D.J. Koch, TL 2/3804.
(4) *Zeitschrift für Parasitenkunde*, E. Hallier ed., vols. 1-4, 1869-1875.
(5) Contributed to *Primit. fl. costaric.* (Th. Durand et H. Pittier); see TL 2/1592.

2319. *De Cycadeis quibusdam fossilibus* in regione Apoldensi repertis. Dissertatio philosophica quam pro gradu doctoris philosophiae rite obtinendo scripsit Ernestus Hallier hamburgensis. Ienae [Jena] (typis Schreiberi et fil.) 1858. Oct. (*Cycad. foss.*).
Publ.: late, prob. Nov-Dec 1858 (Flora rd. 14-28 Dec 1858, Bot. Zeit. 24 Dec 1858), p. [1]-24. *Copies*: NY, WU.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 16: 379-380. 24 Dec 1858.

2320. *Die Vegetation auf Helgoland.* Ein Führer für den Naturfreund am Felsen und am Seestrand. Zugleich als Grundlage zu einer Flora von Helgoland . . . Hamburg (Otto Meissner) 1861. Oct. (*Veg. Helgoland*).

Ed. 1: Jun 1861 (p. vii: Jan 1861; Flora rd 28 Oct. 14 Nov 1861; "eben erschienen" Bot. Zeit. 12 Jul 1861), p. [i]-vii, [viii, cont.], [1]-48, *4 pl. Copies*: B. BR, FH, G(2), NY.
Ed. 2: 1863 (Flora rd. 10-21 Oct 1863, announced as "Neuigkeit" 11 Sep 1863; Bot. Zeit. 21 Aug 1863), p. [i-v], [1]-56, *4 pl. Copies*: B, MO. "Zweite mit einer vollständigen Flora vermehrte Ausgabe." Hamburg (Otto Meissner). Oct.

Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 19: 223. 2 Aug 1861 (rev. ed. 1), 21: 250. 21 Aug 1863 (rev. ed. 2).
Hallier, E., Bonplandia 9: 227-230. 1861.

2321. *Nordseestudien* . . . Mit 27 in den Text gedruckten Holzschnitten und 8 lithographirten Tafeln. Hamburg (Otto Meissner) 1863. Oct. (*Nordseestudien*).

Ed. 1: 1863 (BSbF Jan 1864) p. [i-viii], [1]-336, *pl. 1-8* (liths. by Otto Meissner). *Copies*: G, MO.
Ed. 2: 1869, p. [i-viii], [1]-336, *pl. 1-8*. *Copy*: B. – Title: "*Helgoland*. Nordseestudien . . . zweite Ausgabe." Hamburg (id.).

2322. *Der* grossherzoglich sächsische *Botanische Garten zu Jena*. Eine Anleitung für Studirende und Freunde der Pflanzenkunde . . . Leipzig (Verlag von Wilhelm Engelmann) 1864. Oct. (*Bot. Gart. Jena*).
Publ.: 1864, p. [i, iii], [1]-59. *Copy*: NY.

2323. *Die pflanzlichen Parasiten des menschlichen Körpers*. Für Ärzte, Botaniker und Studirende zugleich als Anleitung in das Studium der niederen Organismen . . . Leipzig (Verlag von Wilhelm Engelmann) 1866. Oct. (*Pfl. Paras. Menschl.. Körp.*).
Publ.: Jan-Mai 1866 (Flora 30 Mai 1866, BSbF rev. 13 Jun 1866), p. [i, iii], iv, [1]-116, *pl. 1-4*, partly col. *Copies*: B, M, NY, USDA.
Ref.: Hoffmann, Bot. Zeit. 24: 241-243. 27 Jul 1866.

2324. *Deutschland's Flora* oder Abbildung und Beschreibung der daselbst wildwachsenden Pflanzen. In naturgetreu colorirten Abbildungen. Vollständig in einhundert Lieferungen. Achte vollständig umgearbeitete und vermehrte Auflage. Leipzig (Wilhelm Baensch Verlagshandlung) 1868-1870. Qu. (*Deutschl. Fl.*).
Publ.: 1868-1870, in 100 parts, p. [i*-iii*], [i-xxxvi], *pl. 1-500*, (col. liths.). *Copy*: NY. – Published anonymously. See 2325 for ed. 9, published under Hallier's name. For *Flora von Deutschland* see above under composite works.

2325. *Deutschlands Flora*, oder Abbildung und Beschreibung der wildwachsenden Pflanzen in der mitteleuropäischen Flora. Mit fünfhundert colorirten Kupfertafeln. Neunte durchaus neu bearbeitete Auflage. Text von Dr. Ernst Hallier . . . Leipzig (Wilhelm Baensch Verlagshandlung) s.d. [1873-1875]. Qu. (*Deutschl. Fl.*).
Publ.: In parts, 1873-1875, p. [i*-iii*], [i]-xxi, [1, h.t.], [1]-224, *pl. 1-500*, unsigned hand-coloured engraved plates. *Copies*: MICH, MO, NY, US. – The original covers (at least some) have an imprint "Dresden. Wilhelm Baensch Verlagshandlung".
It is most likely that the title goes back to J. Sturm, *Deutschlands Flora* (1798-1861) q.v. – Anonymous editions of "Deutschlands Flora" (ed. 7 and ed. 8) were published Leipzig 1864-1868 (7) and ib. 1868-1870 (8). These anonymous editions are also attributed to Ernst Hallier, e.g. by Collins (Sotheby 318: ed. 8) (see 2324).

2326. *Excursionsbuch*, enthaltend praktische Anleitung zum Bestimmen der im Deutschen Reich heimischen Phanerogamen. Jena (Verlag von Hermann Dufft) 1874. Oct. (*Exkursionsbuch*).

Ed. 1: 1874 (Bot. Zeit. 10 Jul. 1874), n.v.
Ed. 2: Mai 1876 (p. iv: Feb 1876; "soeben" Mai 1876 in Bot. Zeit. 34: 368 and in Flora 59: 256. 1 Jun 1876), p. [i]-xvi, [1]-288. *Copies*: B, NY. – "Zweite vermehrte Ausgabe" Jena (id.) 1876. Oct.

2327. *Flora der Wartburg* und der Umgegend von Eisenach. Für natursinnige Besucher der Wartburg und zum Schulgebrauch ausgearbeitet von Ernst Hallier . . . Jena (Verlag von Gustav Fischer, vormals Friedrich Mauke) 1879. Oct. (*Fl. Wartburg*).
Publ.: Jun-Jul 1879 (p. viii: Apr 1879; Nat. Nov. Jul(2) 1879, Bot. Zeit. 25 Jun 1880) p. [i]-viii, [1]-84. *Copy*: G.
Ref.: N.L., Bot. Zeit. 38: 462. 1880 (rev.).

2328. *Untersuchungen über Diatomeen* insbesondere über ihre Bewegungen und ihre vegetative Fortpflanzung . . . Gera-Untermhaus (Verlag von Fr. Eugen Köhler) 1880. Oct. (*Unters. Diatom.*).
Publ.: 1880 (p. vi: Feb 1880), p. [i]-vi, [7]-32, *pl. 1-2* (col. liths. auth.). *Copy*: FH.

Hallier, Hans [Johannes] Gottfried (1868-1932), German botanist who collected in Indonesia and the Philippines and who settled ultimately (Nov 1908) at Leiden; son of Ernst Hallier. (*H. Hallier*).

HERBARIUM and TYPES: HBG; duplicates of his Indonesian collection in many herbaria, e.g. BO; mosses e.g. at H.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 251-252; Barnhart 2: 116; BJI 1: 24, 2: 66-67; BM 2: 776, 6: 428; BL 1: 113, 299; CSP 15: 592; GR p. 85; Hortus 3: 1194 ("H. G. Hallier"); IH 2: 251; Kew 2: 562-563; JW 2: 191; Langman p. 345-346; Moebius p. 145, 206; MW p. 149-150; Rehder 5: 360; SBC p. 121 ("Hall."); SK 1: 212-214 (portr., itin. Indon.); Tucker 1: 312-314.
Bergdolt, E., Karl von Goebel ed. 2: 25, 127. 1941.
Hallier, H., Das proliferierende persönliche und das sachliche, konservative Prioritätsprinzip in der botanischen Nomenklatur. (aus: Ueber Kautschuklianen und andere Apocyneen ... Jahrb. Hamb. Wiss. Anst. 17: 55-64. 1899. 3. Beiheft: Arbeiten des Bot. Museums) Hamburg 1900, (on the absence of a mechanism to weed out individual legalistic nomenclatural decisions not supported by taxonomic knowledge; an essay very characteristic of this colourful scientist), (see also Hallier's *Neue Vorschläge*, Jahrb. Hamb. Wiss. Anst. 22: 33-46. 1905); Short sketch of the life and scientific education of Hans Hallier, Ph.D., Leiden 1910 (handwritten text at L and U; copy FAS).
Herzog, Th., Pflanzenw. Boliv. Anden 17. 1923 (Veg. Erde 15).
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 142. 1947.
Sirks, M. J., Ind. natuurond. 171, 181, 212. 1915.
Wulff, E. V., Intr. hist. pl-geogr. 173, 197, 200. 1943.

COMPOSITE WORKS: Convolvulaceae, *in* Durand et Pittier, *Primitiae florae costaricenses* 1(3), 1896, TL 2/1592; cf. also Bull. Soc. Bot. Belg. 35 (Mém.): 268-276. 1896.

HANDWRITING: Fl. males. ser. 1. 1: cl. 1950; Taxon 19: 908. 1970.

EPONYMY: *Hallieracantha* Stapf (1908).

2329. *Bausteine zu einer Monographie der Convolvulaceen.* Genève (Imprimerie Romet) 1897. Oct. (*Bausteine Monogr. Convolv.*).
Publ.: Mai 1897, (t.p. preprint), p. [1]-104, *pl. 12-18*, uncol. liths. with text. *Copy*: US. – Preprint from Bull. Herb. Boissier 5(5): 366-387 (Mai), 736-754 (Sep), 804-820 (Oct), 996-1013 (Nov), 1021-1052 (Dec), *pl. 12-18*. 1897. Continued ib. 6: 714-724, *pl. 19*. 14 Sep 1898, 7: 408-418. 31 Mai 1899.

2330. *Indonesische Acanthaceen.* Halle a. S. (Druck von Ehrhardt Harras) 1897. Qu. (*Indones. Acanth.*).
Publ.: Sep-Oct 1897 (mss. pres. 3 Jun 1887; Nat. Nov. Nov(2) 1897; Bot. Zeit. 16 Dec 1887), p. [i], [1]-48, [= 195-240], *pl. 9-16*, uncol. liths by M. Kromohardjo. *Copies*: G, M, USDA. – Nova Acta Leopold. 70(3). 1897.

2331. *Über die Verwandtschaftsverhältnisse der Tubifloren* und Ebenalen, den polyphyletischen Ursprung der Sympetalen und Apetalen und die Anordnung der Angiospermen überhaupt. Vorstudien zum Entwurf eines Stammbaums der Blütenpflanzen von Hans Hallier. s.l.n.d. Qu. (*Verwandtschaftsverh. Tubifl.*).
Publ.: Aug 1901 (Nat. Nov. Sep(1) 1901), p. [i], [1]-112. *Copy*: M. – Abh. naturw. Ver. Hamburg 1901.

2332. *Über die Verwandtschaftsverhältnisse bei Engler's Rosalen*, Parietalen, Myrtifloren und in anderen Ordnungen der Dikotylen von Dr. Hans Hallier. s.l.n.d. [Hamburg 1903]. Qu. (*Verwandtschaftsverh. Rosal.*).
Publ. : Oct-Nov 1903 (Nat. Nov. Dec(1) 1903), p. [1]-98. *Copy*: M. – Abh. naturw. Ver. Hamburg 1903.

2333. *Über Juliana*, eine Terebinthaceen-Gattung mit Cupula, und die wahren Stamm-

eltern der Kätzchenblütler. Neue Beiträge zur Stammesgeschichte nebst einer Ubersicht über das natürliche System der Dicotyledonen von Dr. Hans Hallier . . . Dresden (Verlag von C. Heinrich) 1908. Oct. (*Juliania*).
Publ.: Mai-Jun 1908 (Bot. Zeit. 1 Sep 1908; Nat. Nov. Jul(1) 1908), p. [i], [1]-210. *Copies*: M, US.

Halsted, Byron David (1852-1918), American botanist and pioneer phytopathologist; graduate of Michigan Agricultural College; D.Sc. Harvard 1878; amateur baseball pitcher; at Iowa Agricultural College 1885-1889; one of the original members of the Advisory board for the North American Flora; professor of botany at Rutgers College and botanist at the New Jersey Agricultural Experiment Station 1889-1918. (*Halst.*).

HERBARIUM and TYPES: Herbarium material collected in C. America at CS, K, ILL, MASS, MICH, NY, PUR, UTC, VT, WVU. Halsted also distributed (1893) "a century of weed seeds" in vials with printed labels.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 116; BL 1: 197, 299; Bossert p. 160; CSP 10: 122, 14: 824, 15: 596-598; IH 2: 251; Kew 2: 564; Lenley p. 209; LS 10829-11056, 34025-34091 (major source of bibl. details!); NAF 7(15): 1067; NW p. 47; Rehder 5: 360; Stevenson p. 1244 ("Halst."); Tucker 1: 314.
Anon., Bot. Not. 1919: 152, 1921: 14; Nature 102: 93-94. 1918; Torreya 18(8): 176. 7 Sep 1918; Proc. Iowa Acad. Sci. 19: 33-35. 1912, 20: 31-33. 1913.
Boone, W., Hist. bot. W. Virg. 34. 1965.
Cook, Bot. Gaz. 67(2): 169-170. 1919 (portr.).
Britton, N. L., J. New York Bot. Gard. 19: 221. 1918.
Ewan, J. et al., Short hist. bot. U.S. 83. 1969.
Fairchild, Phytopathology 9(1): 1-6. 1919 (portr.).
Hesler, Biogr. Sketches North Amer. mycol. 1975, mss.
Murrill, W. A., Mycologia 10(6): 293-294. 1918; Historic found. bot. Florida 35. 1945.
Philips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 132, 450, 1963.
Rickett, H. W., Index Bull. Torrey bot. Club 42-43. 1955.
Rodgers, A. D., Liberty Hyde Bailey 495 [index]. 1949.
Stevens et al., Amer. J. Bot. 7: 305-317. 1920.
Wittrock, V. B., Acta Horti Berg. 3(2): 179. 1903, 3(3): 196. 1905.
Wood, R. D., Monogr. Charac. 1: 813. 1965.

COMPOSITE WORKS: (1) *American agriculturist*, managing editor 1879-1885.
(2) *Bulletin Torrey bot. Club*, Associate editor (1890-1893).
(3) Associate editor to *Systematic flora of North America* (later North American Flora) 1890-1893.

THESIS: Classification and description of the American species of Characeae, Proc. Boston Soc. nat. Hist. 20: 169-190. 5 Mar 1879.

EPONYMY: *Halstedia* F. L. Stevens (1920).

Hamberg, Knut Herman Rudolf (1873-1920), Swedish insurance inspector and botanist in Stockholm. (*Hamb.*).

HERBARIUM and TYPES: Unknown; some Scandinavian cryptogams at C. Exsiccatae: *Kryptogam-herbarium*. Innehållande 100 arter kryptogamer, fördelade på 35 arter mossor, 10 arter alger, 25 arter lavar och 30 arter svampar. Stockholm (Gullberg & Hallbergs boktr.) 1895, sets at LD, H, O, S, S-PA, and UPS.
Ref.: Sayre, G., Mem. New York Bot. Gard. 19: 27-28. 1969.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 117; GR p. 489-490; IH 2: 251; KR p. 261; LS 11057a.

2334. Enumeratio plantarum Sueciae, Norvegiae, Fenniae et Daniae. *Förteckning öfver Skandinaviska* halföns, Finlands och Danmarks *fanerogamer* och kärlkryptogamer utarbetad af

K. Hermann R. Hamberg. s.l.n.d. [Stockholm] (I. Marcus' boktr.-a.-b.) 1897]. Oct. (*Förteckn. Skand. fan.*).
Publ.: Aug-Oct 1897 (Nat. Nov. Nov(2) 1897; Bot. Not. 4 Nov 1897), p. [1]-133. *Copies*: G, NY.

Hamel, Gontran Georges Henri (1883-1944), French algologist; studied at Lille (lic.sc. 1912); connected with the oceanographic stations of the Muséum d'Histoire naturelle from 1918, from 1927 at its Laboratoire de Cryptogamie, Paris; died while trying to reach Paris by bicycle just before its liberation in August 1944. (*Hamel*).

HERBARIUM and TYPES: PC. *Exsiccatae*:
(1) *Algues de France*, fasc. 1-3, nos. 1-50; fasc. 4, nos. 151-200 issued by Mme. A. Hamel-Joukov. Fasc. 1: Dec 1929, 2: Feb 1930, 3: Jun 1931, 4: Oct 1959. Sets at B, C, DW, FH, MICH, PC, WPS. (100 sets published of fasc. 1).
(2) *Algues des Antilles françaises*, collected by G. Hamel and A. Hamel-Joukov, 20 sets issued, fasc. 1-3, nos. 1-150, Paris 1931 (publ. late 1932). Sets at B, BM, C, FH, L, MICH, NY, PC.
Ref.: Sayre, G., Mem. New York Bot. Gard. 19: 76-77. 1969.
Koster, J. T., Taxon 18: 553. 1969.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 117; IH 2: 251; Kew 2: 565.
Feldmann, J., Rev. algol. ser. 2. 1(1): 3-10. 1954 (portr., bibl.).

EPONYMY: *Hamelella* F. Børgesen (1942).

2335. Série A. No. 1120. No d'ordre 1971. Thèses présentées à la Faculté des Sciences de Paris pour obtenir le grade de docteur ès-sciences naturelles par Gontran Hamel. 1re Thèse. *Recherches sur les genres Acrochaetium Naeg. et Rhodochorton Naeg.* 2e Thèse . . . Soutenues le [16, autogr.] Décembre 1927, . . . Saint-Lo (Imprimerie R. Jacqueline . . .) 1927. Oct. (*Rech. Acrochaetium*).
Publ.: Shortly before 16 Dec 1927, p. [i-v], [1]-117, [1, thèse]. *Copy*: FH.

2336. *Chlorophycées des côtes françaises* s.d.n.l. [1930-1931]. Oct. (*Chlorophyc. côtes franç.*).
Publ.: Reprint with independent pagination of a series of three papers in the Revue algologique.

[1]: 1930, p. [1]-54, Rev. algol. 5(1): [1]-54.
[2]: Jan 1931, p. [57]-104, *pl. 5*, Rev. algol. 5(3/4): 383-430.
[3]: 1931, p. 105-168, Rev. algol. 6(1): 9-73. preface material: [i]-xv, published with complete reprint (1931).

2337. *Phéophycées de France*. Paris 1931-1939. Oct. (*Phéophyc. France*).
Publ.: in five parts. *Copies*: FH, G, US.

1: 1931, p. [1]-80;
2: 1935, p. 81-176;
3: 1937, p. 177-240;
4: 1938, p. 241-336. 1938;
5: 1939, p. 337-431, [432, expl. pl.], [i]-xlvi, [xlvii[, *pl. 1-10*.

Reprint: 1975, Amsterdam, Holland (Linnaeus Press), as above, copy: NY.

Hamilton, Arthur (*fl.* 1832), Genevese botanist. (*A. Ham.*).

HERBARIUM and TYPES: Unknown. – No biographical or bibliographical details of Arthur Hamilton are known to us.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 117; BB p. 136; BM 2: 778; CSP 3: 146; Hortus 3: 1194 ("A. Hamilt."); Kew 2: 566; Langman p. 346; PR 3744 (ed. 1: 4097).
Bentham, G., Labiat. gen. sp. 420. 1834.

2338. *Esquisse d'une monographie du genre Scutellaria*, ou Toque, par M. Arthur Hamilton, . . . suivie du rétablissement du genre Scorodonia de Moench et d'un mémoire sur le fruit et l'embryon des Labiées, par M. N. C. Seringe, Lyon (Louis Perrin) 1832. Oct. (*Esq. monogr. Scutellaria*).
Co-author: Nicolas Charles Seringe (1776-1858).
Publ.: Apr 1832 (BF 28 Apr 1832) p. [1]-67, *pl. 1-2. Copies*: G, HH, MO, NY. – Also published as one of the [separately paged] parts of volume 1 of the Ann. Soc. Linn. Lyon, 1826-1836, p. [1]-67.

Hamilton, Francis (né **Buchanan**) (1762-1829), Scottish physician and botanist in the Bengal medical service 1795-1815; superintendent Botanic Garden Calcutta 1814-1815. (*F. Ham.*).

HERBARIUM and TYPES: Main collections at BM, E, and K; further material at AWH, CAL, G, LINN, OXF. Mss and drawings of Burmese plants at BM; letters in Smith corr. at LINN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 118; BB p. 136; BM 1: 274, 2: 778, 6: 153; Clokie p. 176-177; CSP 1: 692; Desmond p. 281; DNB 7: 186; IH 2: 104; Jackson p. 383; Kew 2: 566; Lasègue p. 138-141; RS p. 86; SK 1: 214, 5: 49, 8: xvii; TL-2/1, no. 1497; Tucker 1: 314.
Burkill, I. H., Chapt. hist. bot. India 19, 47, 190, 236, 239. 1965 (under Buchanan as well as Hamilton).
King, G., J. Bot. 37: 458-459. 1899.
Mabberley, D. J., Taxon 26(5/6): 523-540. 1977 (on H's *Commentaries*).
Prain, D., Ann. R. bot. Gard. Calcutta 10(2): i-lxxv. 1905. (main biogr. and bibl.).
Sims, J., Bot. Mag. pl. 2170 (text). 1820.
Smith, Lady P., Mem. Corr. J. E. Smith 1: 555. 1832, 2: 85-88. 1832.
Steenis-Kruseman, M. J. van, Fl. males. ser. 1. 5: 49, cclxxviii. 1958.
Wight, R., *in* W. J. Hooker, Bot. misc. 2: 91. 1831.

COMPOSITE WORKS: (1) Sowerby, J. and J. E. Smith, *English botany*, mosses.
(2) Don, D., *Prodr. fl. nepal.* 1825 (TL-2/1, no. 1497) is based on plants collected by H. and by Wallich.
(3) Hamilton, Fr., *A commentary on the Hortus malabaricus*, Trans. Linn. Soc. 13(2): 474-560. 3-19 Dec 1822; 14(2): 171-312. 15 Nov 1825; 15(1): 78-152. 9 Feb 1827; 17: 147-252. 25 Mai 1837 (IDC 8308). (See Mabberley 1977).

EPONYMY: *Buchanania* K. P. J. Sprengel (1802); *Buchanania* J. E. Smith (1806).

2339. *Some notices concerning the plants of various parts of India*, and concerning the Sanscrit names of those regions . . . Edinburgh (printed by P. Neill) 1823. Qu. (*Not. pl. India*).
Publ.: 1823, p. [i-ii], [1]-16. *Copy*: G. – Preprinted from Trans. R. Soc. Edinburgh 10: 171-186. 1826; see also Flora 9: 689-704. 1826.

Hamilton, William (1783-1856), British physician and traveller. (*W. Ham.*).

HERBARIUM and TYPES: P (via Desvaux herbarium); some plants also in the Turczaninow herbarium (CW).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 118; BB p. 137; BM 2: 778, 6: 430; CSP 3: 147-148, 6: 681; Dawson p. 392; Desmond p. 282; Dryander 5: 267-268; Frank 3(Anh.): 40; Henrey 2: 381, 382; Jackson p. 368; Kew 2: 567; Langman p. 346; NW p. 47; PR 3745 (ed. 1: 4101); Rehder 5: 361; Tucker 1: 314; Zander ed. 10, p. 667.
Anon., Rev. Bibl. Pay Bas 19 Mai 1827 (rev. Prodromus plantarum Indiae occidentalis).
Harshberger, J. W., Bot. Philadelphia 446. 1899.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 567. 1963.
Urban, I., Symb. ant. 1: 64-65. 1898, 3: 55-56. 1902.

EPONYMY: *Hamiltonia* Mühlenberg ex Willdenow (1806) and *Hamiltonia* Roxburgh (1824) are dedicated to William Hamilton (1745-1813), American botanist.

2340. *Prodromus plantarum Indiae occidentalis* hucusque cognitarum, tam in oris Americae meridionalis, quam in insulis antillicis sponte crescentium, aut ibi diuturne hospitantium; nova genera et species hactenus ignotas complectens . . . Londini [London] (Treutel et Würtz, Treuttel Jun. et Richter), Parisiis et Argentorati [Strasbourg] (Treuttel et Würtz) 1825. Oct. (*Prodr. pl. Ind. occid.*).

Publ.: 1825 (presented to Paris Acad. on 10 Apr 1826; rev. Rev. Bibl. Pays Bas 19 Mai 1827), p. [i]-xvi, [1]-67, *1* handcol. plate. *Copies*: G, MO, NY, US, USDA; IDC 5947. – "Wir müssen uns . . . glücklich schätzen, dass H. seine Absicht, alle Pflanzen Westindiens in einem grösserem Werke zu beschreiben, nicht zur Ausführung gebracht hat." (Urban, see above).

Hammar, Olaf Niklas (1821-1875), Swedish botanist; Dr. phil. Lund 1847, lecturer ib. 1849-1859; later "telegrafkommissarie" at Ronneby. (*Hammar*).

HERBARIUM and TYPES: Unknown; S? (see Sayre, Bryologist 80: 509. 1978).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 118; BM 2: 779; Kew 2: 567; Jackson p. 495; KR p. 262; Langman p. 347; MW p. 150; Rehder 1: 119; SBC p. 121 ("Hammar"); TL-2/53.
Anon., Bot. Not. 1849: 204; J. Bot. 13: 383. 1875.
Scheutz, N. J. W., Bot. Not. 1875(5): 158-159.

COMPOSITE WORKS: See J. Agardh, *Syst. alg. advers.* pars 2 (O.N. Hammar resp.), TL 2/53.

2341. *Monographia Orthotrichorum et Ulotarum Sueciae* quam consent. ampl. facult. philos. Lundensi p.p. Olaus Hammar, botanices docens, et Nic. Wilh. Theod. Holst, Scanus. In audit. i die xxix maji mdccclii, h. a.m. viii. P. i [-ii]. Lundae [Lund] (typis Berlingianus) 1852. Oct. (*Monogr. Orthotrich. Ulot. Suec.*).

Pars 1: 29 Mai 1852, p. [i*], [i]-ix.
Pars 2: 29 Mai 1852, p. [i], [1]-30, co-defendant Petrus Joh. Piscator.

Copy: NY.

2342. *En monografi öfver slägtet Fumaria.* Akademisk afhandlung som med vidtberömda filosofiska fakultetens tillstånd kommer att offentligen försvaras af Olof Hammar, Docent i botanik, på auditoriet n:o i den 14 Decemb. 1854, kl. 9. f. m. Lund (tryckt uti Berlingska Boktryckeriet) 1854. Oct. (*Monogr. slägt Fumaria*).
Publ.: 14 Dec 1854, p. [i]-xvi, [1]-58, [1-3, err., ind.], *pl. 1-11* (uncol. lith. author). *Copies*: G, NY.
Ref.: Anon., Bot. Zeit. 13: 832. 23 Nov 1855; review by "I" ibid. 14: 335-340. 9 Mai 1856.

2343. *Monographia generis Fumariarum* . . . Upsaliae [Uppsala] (typis exscripsit C. A. Leffler) 1857. Qu. (*Monogr. gen. Fumar.*).
Preprint: Jan-Aug 1857 (Bot. Zeit. 18 Sep 1857; Bot. Not. Sep 1857; Flora 7-14 Oct 1857), p. [i], [1]-50, *pl. 1-6* (uncol. liths. by author). *Copies*: K, L, MO, NY, WU. "Ex Actis Reg. Soc. Sc. Ups. serie iii, vol. ii, part. i." Nova Acta Soc. Sci. Ups. ser. 3.2(8): 257-306, *pl. 1-6.* 1858 (copies reprint with journal pagination: BR, NY).
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 15: 653-655. 18 Sep 1857 (rev. preprint).
Anon., Flora 41: 13-15. 7 Jan 1858 (rev. preprint).

Hammer, Christopher (1720-1804), Norwegian botanist and administrator; studied theology and law at Copenhagen; from 1752 "General-Konduktor for Landet og Kjøbstaederne i Aggerhus Stift", from 1758 "Kancelliraad"; from 1778 "Justitsraad". (*Hammer*).

HERBARIUM and TYPES: TRH (library and collections went to the Trondhjemske Videnskabernes Selskab).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 118; BM 2: 779; Bossert p. 161; Dawson p. 839;

Dryander 2: 28; Kew 2: 567; Jackson p. 334; PR 3749-3750 (ed. 1: 4102-4103); Rehder 5: 361; SO add. 754 e.
Belsheim, Arch. Math. Naturvid. 9: 428-430. 1884 (on autobiogr.).
Christensen, C., Danske Bot. Hist. 2: 74-75. 1924 (bibl.).
Dahl, Nyt Mag. Naturvid. 32: 285-338. 1892 (corresp.); Norsk Havetidende 11(12): 177-183. 1895.
Hagen, I., K. Norske Vid. Selsk. Skr. 1897(3): 47-48. (portr.).
Warming, E., Bot. Tidsskr. 12: 63-64. 1880 (bibl.).
Wittrock, V. B., Acta Horti Berg. 3(2): 169. 1903.

2344. *Florae norvegicae prodromus.* Forlöber af Norske flora eller planterige. Udi systematisk og Linnaeisk dragt efter sexualsystemet. Kjöbenhavn (Trykt hos P. Horrebows Enke) 1794. Oct. (*Fl. norveg. prodr.*).
Publ.: 1795 (t.p. 1794; 1795 fide Christensen p. 74), p. [i]-x, [1]-164, [11, notes], *Copy*: G. – For criticism (by Rafn, "Augean stable") and anticriticism see refs. in Christensen p. 74.

Hammerschmid, Anton (1851-1933), German Franciscan monk and botanist, educated at München; from 1889 in the monastery of Bad Tölz. (*Hammerschmid*).

HERBARIUM and TYPES: In 1934 still in the Franciscan monastery at München.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 119; Kew 2: 568; SBC p. 121 ("Hammers.").
Familler, I., Denkschr. bay. bot. Ges. Regensburg 11: 17. 1911 (refs. to H's Beitr. Moosflora von Oberbayern).
Holzappel, Ber. bayer. bot. Ges. 21: 61-64. 1934 (portr.).

2345. *Excursionsflora für Tölz* und Umgebung, Walchensee, Kochelsee, Tegernsee, Schliersee und die angrenzenden bayerischen Alpen. Landshut (Verlag der Jos. Hochneder'schen Buchhandlung (H. Weitl)) 1897. Oct. (*Exc.-Fl. Tölz*).

Ed. 1: Aug 1897 (Nat. Nov. Sep(1) 1897; Bot. Zeit. 16 Sep 1897), p. [i*], [i]-vi, [1]-44, [1, h.t.], [1]-365, [1, err.]. *Copy*: B.
Later ed.: Apr 1928 (Nat. Nov.), p. [i-viii], [1*]-58*, [1]-479. *Copies*: B, USDA. "*Exkursionsflora für die deutschen Alpen*" und das nächstliegende Vorland. München (Druck und Verlag der Graph. Kunstanstalt A. Huber . . .) Oct. (*Exk.-Fl. deut. Alpen*).

Hampe, Georg Ernst Ludwig (1795-1880), German botanist; pupil of K. P. J. Sprengel; apothecary at Blankenburg (Harz) 1825-1876; Dr. phil. h.c. Goettingen 1875. (*Hampe*).

HERBARIUM and TYPES: The original bryophyte herbarium of about 25.000 specimens is at BM. Hampe issued series of exsiccatae (*Florae herciniae*; *Vegetabilia cellularia in Germania septentrionale praesertim in Hercynia lecta*) which are in many herbaria. The British Museum (Natural History) also possesses copies of Hampe's published works with manuscript notes by the author. Lichens at BREM and WRSL (fide GR); fungi also at G (fide Hawksworth); bryophytes also at FH, G, GOET, H, L, PC.
Ref.: Anon., Flora 64: 240, 272, 288. 1881 (sale herb.); J. Bot. 19: 192. 1881 (herb. bought by BM).
Murray, G. R. M., Hist. Coll. BMNH 153. 1904.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 56; Barnhart 2: 119; BM 2: 779-780; Bossert p. 161; CSP 3: 154-155, 7: 896, 10: 125-126, 12: 308; DTS 1: 371; Frank 3(Anh.); 40; GR p. 17, cat. p. 64 ("Hampe"); Hawksworth p. 183; Hortus 3: 1194 ("Hampe"); IH 2: 252; Kew 2: 568; Jackson p. 153, 305, 373, 375; KR p. 263; Lenley p. 210; LS 11066-11078; NAF ser. 2. 9: 122-123; NI 780; PR 3752-3754 (ed. 1: 4106-4108); Rehder 5: 362; SBC p. 121 ("Hampe"); TL-2/451, see index; Tucker 1: 314; Urban-Berl. p. 287, 301; Zander ed. 10, p. 667.
Anon., Bot. Gaz. 7: 52. 1882; Bot. Not. 1881: 39; Bot. Zeit. 39: 21, 359, 360 (sic). 1881, 45: 112. 1887 (sale of Hampe material from Wigand herb.); Flora 63: 546. 1880; J. Bot. 19: 223-224. 1881.
Bescherelle, É., Rev. bryol. 8: 55-56. 1881.

Busch, *in* Lorent, Biogr. Skizzen brem. Aerzte und Naturforscher 181. 1844.
Drude, O., Hercyn. Florenbez. 8. 1902 (Veg. Erde 6).
Hampe, G. E. L., Flora 53: 103-105. 1870 (title of paper: "In keinem Teile der Botanik wird soviel Unfug getrieben als in der Bryologie").
Müller, Karl, Die Natur, Halle 30: 47-48. 1881 (portr. on p. 43); Leopoldina 17: 106-108, 123-125. 1881. (reprinted from Die Natur with addition of bibl.).
Reiche, K., Grundz. Pflanzenverbr. Chile 32. 1907 (Veg. Erde 8).
Rodgers, A. D., "Noble Fellow" William Starling Sullivant 348 [index]. 1940.
Stafleu, F. A., Regn. veg. 71: 338. 1970.
Weberbauer, A., Pflanzenw. Peruan. Anden 30. 1911 (Veg. Erde 12).

COMPOSITE WORKS: (1) Klima, Vegetation und Flora des Harzes, *in* Brederlow, *Der Harz*. Braunschweig 1845, p. 86-111 (PR 3754; ed. 1: 4108).
(2) Contributed to Lehmann, *Plantae preissianae* (1844-1847), see no. 4332.
(3) Idem to Triana et Planchon, *Prodromus florae novogranatensis*. vol. 2, 1865-1866; see no. 2348.
(4) Idem to Karl Müller, *Synopsis muscorum frondosorum*, q.v.
(5) Warming, E., *Symb. fl. Bras. centr.*, parts 8, 10, 19, 24, *Musci frondosi*, Vid. Medd. naturh. For. Kjöbenhavn 2: 267-296. 10 Oct 1870, 4: 36-59. 26 Apr 1873, 6: 129-178. 14 Jun 1874, 9/10: 251-274. 4 Feb 1879 (also with independent pagination.) (Dates courtesy Mrs. Fox-Maule).

EPONYMY: *Hampea* D. F. L. Schlechtendal (1837); *Hampeella* K. A. F. W. Mueller Hal. (1881).

2346. *Prodromus florae hercyniae* oder Verzeichniss der in dem Harzgebiete wildwachsenden Pflanzen. Nach dem Sexualsystem geordnet von Ernst Hampe . . . Halle (gedruckt in der Gebauerschen Buchdruckerei) 1836. Oct. (*Prod. fl. hercyn.*).
Publ.: Dec 1836 (p. 4: Jul 1836; publ. in Linnaea; Flora rd. 8 Mai 1837), p. [i-ii], [1]-90. *Copies*: BR, L, M, NY. – Reprinted or preprinted from Linnaea 11: 17-105. Dec 1836.
Nachträge: Linnaea 12: 549-574. Nov 1838, 13: 363-366. Oct-Dec 1839, 14: 323-349. Oct-early Nov 1840, 15: 377-384. Jun-Dec 1841, 16: 380-383. Sep-Nov 1842, 17: 671-674. Apr-Jun 1844.
Zusätze: Bericht Naturw. Ver. Harz 1846-1847: 2-5.
Ref.: Anon., Lit. Ber. Flora 7: 83-91. 28 Jul 1837.
Wallroth, C. F. W., Linnaea 14: 1-158, 529-704. 1840-1841 (critical analysis).
Stafleu, F. A., Regn. veg. 71: 307. 1970.

2347. *Icones muscorum* novorum vel minus cognitorum. Bonnae [Bonn] (Sumptibus Henry & Cohen) 1844, 3 decades. Oct. (*Icon. musc.*).
Publ.: The three decades were received together by Hinrichs at Leipzig only on 17-18 Mar 1845. The 30 uncoloured liths. are by K. Müller. *Copies*: G, NY, Steere, U, USDA.

1: [i-v], [20 p. text, 2 per plate], *pl. 1-10.*
2: [i, iii], [20 p. id.], *pl. 11-20.*
3: [i, iii], [20 p. id.], *pl. 21-30.*

Ref.: NI 780; PR 3753 (ed. 1: 4107).
K. M., Bot. Zeit. 3: 162-163. 7 Mar 1845 (rev.).
Anon., Bot. Not. 1845: 99-100. Jun 1845 (rev.).

2348. *Prodromus florae novo-gratens* [sic] ou énumération des plantes de la Nouvelle-Grenade avec description des espèces nouvelles, par MM. J. Triana et J. E. Planchon. *Musci*. Exposuit E. Hampe. [Paris (Imprimerie de E. Martinet) 1865]. Oct. (*Prodr. fl. novo-grat., musci*).
Publ.: Jun 1865-Mai 1866 (in journal), p. [1]-135. *Copy*: Steere. –Reprint with independent pagination from Ann. Sci. nat. Bot., ser. 5. 3: 337-376. Jun 1865, 4: 324-378. Dec 1865, 5: 301-342. Mai 1866. – The full series (see under Triana) was also issued as a reprint with independent pagination in which the *Musci* take up vol. 2, p. 397-531.
Addenda: Bot. Zeit. 27: 865-870. 1869.
Ref.: Anon. [Müller, K.], Leopoldina 17: 123. 1881 (bibl. no. 3).

2349. *Musci frondosi* a cl. Krause *in Ecuador*, Prov. Loja *collecti* s.l.n.d. [1869]. (*Musc. frond. Ecuador*).
Publ.: Jul 1869 (publ. in Bot. Zeit.; reprint dated 1 Oct 1869 at G), p. [1]-11. *Copy*: G. – *Original publ.*: Bot. Zeit. 27: 433-437. 2 Jul 1869, 449-457. 9 Jul 1869.

2350. *Flora hercynica* oder Aufzaehlung der im Harzgebiete wildwachsenden Gefaesspflanzen. Nebst einem Anhange, enthaltend die Laub- und Lebermoose ... Halle (G. Schwetschke'scher Verlag) 1873. Oct. (*Fl. hercyn.*).
Publ.: Jun 1873 (Bot. Zeit. 11 Jul 1873, J. Bot. 11: 256. 1873), p. [i]-viii, [1]-383, [384, err.]. *Copies*: B, G, L, M, NY.
Ref.: Ascherson, P. F. A., Bot. Zeit. 31: 555-560, 568-574, 585-589, 601-604. 1873.
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2351. *Enumeratio muscorum* hactenus in provinciis brasiliensibus Rio de Janeiro et São Paulo detectorum ... Havniae [Kjøbenhavn] (apud Andr. Fred. Høst & filium, Universitatis bibliopolas. Typis Bianco Luno) 1879. Oct. (*Enum. musc.*).
Publ.: Sep-Oct 1879 (Nat. Nov. and Flora Oct 1879), p. [i-iv], [1]-92. *Copies*: BR, FH, G(2), MO, NY(2), Steere. – Reprinted, with independent and original pagination and added preface, from Vid. Medd. naturh. För. Kjøbenhavn ser. 4. 1-2: 73-164. 1879-1880.
Additamenta ad Enumerationem ... post mortem auctoris publ. A. Geheeb, Egenburg 1881, 41 p. Oct., publ. Sep 1881 (Nat. Nov. Oct 1881; Rev. bryol. Dec 1881).

Hamy, Théodore Jules Ernest (1842-1908), French anthropologist, ethnologist, and historian of science. (*Hamy*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 119; BM 2: 780, 6: 430; CSP 7: 896-897, 10: 126-127, 15: 611-612; Kew 2: 568; Langman p. 247; Quenstedt p. 185-186; Rehder 5: 362; Tucker 1: 314.
Anon., Nature 79: 138, 166-167. 1908.
Cordier, Nouv. Arch. Mus. Hist. nat. ser. 5. 1: xi-c. 1909 (bibl. 1866-1908 with many details; portr.).
Gillot, F. X., Bull. Soc. Hist. nat. Autun 22: 19-26. 1909.
Hamy, E., Résumé des travaux scientifiques de M. E. T. Hamy, Paris (Hennuyer), Sep 1887, 56 p.; Publications scientifiques de M. le Dr. E.-T. Hamy. Paris (Impr. natl.) 1901, 28 p.; Mémorial de famille. Angers (A. Burdin et Cie.) 1905, vi, 92 p. (fide Cordier 1909).
Perrier et al., Bull. Mus. Hist. nat. 14(7): 321-326. 1908.
Sauvage, C., Bull. Soc. acad. Boulogne-sur-Mer 8: 417-442. 1909 (portr., bibl.).

2352. *Les derniers jours du Jardin du Roi* et la fondation du Muséum d'histoire naturelle. Paris (Imprimerie nationale) 10 Juin 1893. Qu. (*Derniers jours Jard. Roi*).
Publ.: 10 Jun 1893 (Bot. Zeit. 1 Nov 1893), p. [i-iii], [1]-162. *Copy*: NY.

2353. *Joseph Dombey* médecin, naturaliste, archéologue, explorateur du Pérou, du Chili et du Brésil (1778-1785). Sa vie, son oeuvre, sa correspondance, avec un choix de pièces relatives à sa mission, une carte et cinq planches hors texte ... Paris (Librairie orientale & américaine E. Guilmoto, ...) 1905. Oct. (*Dombey*).
Publ.: 1905 (p. iii: 31 Jul 1905), p. [i*-ii*], front., [iii*-iv*], [i]-cviii, map, [cix], [1]-434. *Copy*: John Wurdack.

2354. *Aimé Bonpland* médecin et naturaliste explorateur de l'Amérique du Sud, sa vie, son oeuvre, sa correspondance avec un choix de pièces relatives à sa biographie, un portrait et une carte. Paris (Librarie Orientale & Américaine, E. Guilmoto) s.d. [1906]. Oct. (*Bonpland*).
Publ.: 1906 (p. x: 28 Aug 1906), frontisp., p. [i]-xcvii, map, [i, h.t.], [1]-300. *Copies*: G, USDA.

Hanbury, Daniel (1825-1875), British pharmacologist and botanist; travelled in Syria 1860; brother of Sir Thomas Hanbury. (*D. Hanb.*).

HERBARIUM and TYPES: PHA (600); further material at BM, GE, K. Letters at Kew; library at PHA.
Ref.: Anon., J. Bot. 13: 192. 1875 (bequest of coll. to BM and K), 15: 32. 1877 (materia medica and herb. of medical plants to PHA).
Kent, D. H., Brit. herbaria 58. 1957.

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F., Bot. Zeit. 33: 326-327. 1875.
Gray, A., Sci. papers 2: 401-402. 1889.
Hanbury, D., Science papers, chiefly pharmacological and botanical, ed. by J. Ince. London 1876, 544 p. (with biogr. memoir by Flückiger) (see also Trimen, J. Bot. 14: 314-315. 1876.).
Milner, J. D., Cat. portr. Kew 57-56. 1906 (on plaster cast from 1875 medallion).

EPONYMY: *Hanburia* [sic] B. C. Seemann (1858).

2355. *Pharmacographia.* A history of the principal drugs of vegetable origin, met with in Great Britain and British India . . . London (Macmillan and Co.) 1874. Oct. (*Pharmacographia*).
Co-author: Friedrich August Flueckiger (1828-1894).

Ed. 1: Oct-Nov 1874 (J. Bot. Nov 1874; Bot. Zeit. 12 Feb 1875), p. [i]-xv, [xvi], chart, [1, h.t.; 2, err.], [1]-704. *Copies*: HH, NY.
Ed. 2: Nov. 1879 (p. x: Oct 1879; Nat. Nov. Nov(2) 1879; J. Bot. Dec 1879; Bot. Zeit. 16 Jan 1880), p. [i]-xx, [1]-803. *Copy*: HH. – "Second edition". London (id.) 1879. Oct.
French translation: see below.

Ref.: Trimen, H., J. Bot. 13: 52-54. 1875.
De Bary, H. A. de, Bot. Zeit. 33: 647-648. 1875.

2356. *Histoire des drogues d'origine végétale* par F.-A. Flückiger . . . et Daniel Hanbury . . . traduction de l'ouvrage anglais "Pharmacographia" augmentée de très nombreuses notes par le Dr. J.-L- de Lanessan . . . avec une préface par H. Baillon et 320 figures dessinées pour cette traduction par L. Hugon . . . Paris (Octave Doin, éditeur . . .) 1878, 2 vols. Qu. (*Hist. drog. vég.*).
Co-author: Friedrich August Flueckiger (1828-1894).

1: Jan 1878, p. [i]-xi, [xii, err.], [1]-667.
2: Jan 1878, p. [i-iii], [1]-671, [672, err.].

Copy: U.
Ref.: Trimen, H., J. Bot. 16: 29. Jan 1878.

Hanbury, Frederick Janson (1851-1938), British industrial pharmacist, botanist, horticulturist, and specialist on Hieracium; cousin of Daniel Hanbury. (*F. Hanb.*).

HERBARIUM and TYPES: BM (20.000), further material at AK, CGE, OXF.
Ref. : Kent, D. H., Brit. herb. 59, 1957.
Goulding, Rec. Auckland Inst. Mus. 12: 101. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 120; BL 2: 246-247, 312, 664; BM 2: 781; Clokie p. 177; CSP 15: 79, 614, 17: 43; Desmond p. 283; Hortus 3: 1194 ("Hanb."); IH 2: 252; Kew 2: 569; NI 781; Rehder 5: 363; Tucker 1: 315.

Anon., Gard. Chron. 1932: 392; The Times 3 Mar 1938 (fide Desmond).
Curtis, Orchid Rev. 42: 66-67. 1934 (portr.), 46: 128. 1938.
Hall, Bot. Soc. Exch. Cl. Brit. Isl. Rep. 12(1): 19. 1939.
Praeger, R. L., Proc. R. Irish Acad. 7: cxxi. 1901.
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Verdoorn, F., Chron. bot. 4(3): 261. 1938.
Wallis, Proc. Linn. Soc. London 150: 318-319. 1938.

NOTE: Edited eds. 8-11 of the *London catalogue of British plants*, 1886-1925 (see under H. C. Watson). Hanbury bought the copyright of the *Catalogue* from Boswell-Syme in 1888. After the latter's death Hanbury purchased his herbarium, which was later presented to BM.

2357. *An illustrated monograph of the British Hieracia.* By Frederick Janson Hanbury, F.L.S. The drawings chiefly by Miss G. Lister; a few by Mrs Frederick J. Hanbury . . . London (published by the author) 1889-1898, 8 parts. Qu. (*Ill. monogr. Brit. Hieracia*).

Part 1: Jul 1889, p. [1]-8, *pl. 1-3*.
Part 2: Oct 1889, p. 9-16, *pl. 4-6*.
Part 3: Mar 1890, p. 17-24, *pl. 7-9*.
Part 4: Dec 1890, p. 25-32, *pl. 10-12*.
Part 5: Mai 1891, p. 37-46, *pl. 13-15*, (p. 33-36 never issued).
Part 6: Jun 1894, p. 45-54, *pl. 16-18*, (p. 45-46 reprinted).
Part 7: Jun 1896, p. 53-60, *pl. 19-21*, (p. 53-54 reprinted).
Part 8: Mar 1898, p. 61-69, *pl. 22-24*.
Issued with coloured plates (6/-per part), and uncoloured plates (4/-); (hand-coloured) liths. by Miss G. Lister and Mrs F. J. Hanbury. *Copies*: G, MO, NY. – Even though parts 9-12 were announced by Nat. Nov. Jun(1) 1899 and Bot. Zeit. (1 Aug 1899), these were never published; see note by Britten (J. Bot. 42: 54. 1904) "so far as we can ascertain, there is no prospect of the continuance of the work".
Ref.: Hanbury, F. J., J. Bot. 30: 129-134, 165-170, 206-209, 258-261, 366-370. 1892, 31: 16-19, 1893 (Further notes on *Hieracia* . . .).

2358. *A tentative list of British Hieracia* by Frederick J. Hanbury, F.L.S. With accompanying notes . . . [London] 1894. Oct. (*List Brit. Hieracia*).
Publ.: Jul-Aug 1894, p. [1]-9, chart. *Copy*: MO. – Reprinted from J. Bot. 32: chart (Jul 1894), 225-233. (Aug 1894).

2359. *Flora of Kent* being an account of the flowering plants, ferns, etc., with notes on the topography, geology, and meteorology, and a history of the botanical investigation of the county. London (Frederick J. Hanbury) 1899. Oct. (*Fl. Kent*).
Co-author: Edward Shearburn Marshall (1858-1919), vicar of Milford, Surrey.
Publ.: early Jun 1899 (p. vi: Mai 1899; Nat. Nov. Jun(2) 1899; J. Bot. Jun 1899; Bot. Zeit. 1 Jul 1899), 2 maps, p. [i]-lxxxiv, [1]-444 (introduction and historical summary, p. lvi-lxxvi, by Benjamin Daydon Jackson). *Copies*: G, MO, NY.
Ref.: Britten J., J. Bot. 37: 275-279. 1899.

Hanbury, Sir **Thomas** (1832-1907), British horticulturist and botanist; from 1852-1867/71 merchant at Shanghai; settled in Italy at La Mortola, Ventimiglia (1867/71-1907); founder of the Hanbury Botanical Institute at Genoa; brother of Daniel Hanbury. (*T. Hanb.*).

HERBARIUM and TYPES: Some herbarium material and letters at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 120; BB p. 137; BM 2: 781, 6: 431; Bossert p. 161; Desmond p. 283; IH 2: 252; Kew 2: 569; MW p. 151; Plesch p. 249; Rehder 5: 363; Saccardo 1: 88; Tucker 1: 315, 361, 436.
Anon., Bot. Not. 1907: 167; Gard. Chron. 1054: 172. 1907 (portr.); Florida mortolensis. Ventimiglia 1905, 91 p.; Bull. misc. Inf. Kew 1907: 132-136; Bot. Zeit. 65(2): 160. 1907; Proposed congratulatory address to Sir Thomas Hanbury, April 1907, s.l., 8 p. (prepared for H's 75th birthday on 21 Jun 1907; H. died 9 Mar 1907).

Britten, J., J. Bot. 45: 216. 1907.
Cavillier, F. G., Boissiera 5: 52. 1941.
Hill, Trans. Proc. Bot. Soc. Edinburgh 23: 355-358. 1908.
Jepson, W. L., Torreya 7: 109. 20 Mai 1907.
King, Proc. Linn. Soc. London 119: 46-48. 1907.
Mario, E. and L. Maurizio, La Mortola garden, Hortus mortolensis, London 1938 (portr.; description of garden with some historical details).
Nelmes and Cuthbertson, Curtis Bot. Mag. dedic. 1827-1927, p. 262. 1932 (portr.).
White, A. and B. L. Sloane, Stapelieae 1: 133. 1937 (portr.).

DEDICATION: Bot. Mag. vol. 119 (see above sub Nelmes).

Hance, Henry Fletcher (1827-1886), British botanist; vice-consul at Whampoa, Canton and Amoy (1844-1886). (*Hance*).

HERBARIUM and TYPES: BM (ca. 23.000). Other Chinese material in B, BR, CGE, CN, FI, GRA, K, LE, MO, P, S, U, W, YU. – Letters at K.
Ref.: Britten, J. Bot. 22: 96. 1884 (rumored destr. herb.).

Note: Britten (1884) commenting on the rumored destruction of Hance's library and herbarium "during the serious riot of the natives on the British concession at Canton last year" reasssured the readers of the Journal of Botany that recent letters "make no mention of such a calamity, although he must have passed a *mauvais quart d'heure* during the disturbance" [question: who go out in the midday sun together with the mad dogs?]. Actually Hance had indeed lost his books and herbarium during the burning of the foreign factories at Canton in December 1884. During the Shameen riot at Canton in 1883 Hance wrote home: "Inter arma silent Musae and I am afraid Britten will find my reed very voiceless this year."
Hance, J. Bot. 5: 136. 1867: "Mainly occupied with matters unconnected with Botany [he was on his honeymoon] . . . in the month of June, 1852, I gathered a heath . . . an Erica which I determined at that time . . ."

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 253; Barnhart 2: 120; BB p. 137; BJI 1: 24; BM 2: 781; Bret. p. 365, 532, 632-652; CSP 3: 156, 7: 898-900, 10: 127-129, 15: 614; DTS 1: 102; Desmond 283; DNB 24: 272-273; Hortus 3: 1194 ("Hance"); IF p. 701; IH 2: 252; Kew 2: 569; Jackson p. 555; Langman p. 347; MW p. 151-156; Plesch p. 249; Rehder 5: 363; RS p. 86; SK 1: 214-215, 5: cclxxxiii; TL-2/427, 1814; Tucker 1: 315; Zander ed. 10, p. 667.
Anon., Bot. Not. 1887: 47; Bot. Jahrb. 8 (Beibl. 19). 1887; Bot. Gaz. 11: 251. 1886; J. Bot. 24: 256. 1886; Nat. Nov. 1887: 176; Proc. Linn. Soc. London 1886/87: 40-41. 1887.
Bentham, G., Fl. Hongk. 9*-10*. 1861.
Cox, E. H. M., Plant-hunting in China 42. 1945.
Hadfield, M., Pioneers in gardening 184-185. 1951.
E.H.P., J. China Branch Roy. Asiat. Soc. ser. 2. 21: 309-313. 1886 (bibl.).
Kanitz, A., Magy. növ. Lap. 10: 136-144. 1886 (bibl.).
Wittrock, V. B., Acta Horti Berg 3(3): 85, *pl. 146*. 1905 (portr.).

COMPOSITE WORKS: Contributed to F. Forbes, *Enum. pl. China* see TL 2/1814.
EPONYMY: *Hancea* B. C. Seemann (1857); *Hancea* W. B. Hemsley (1890); *Hancea* Pierre (1891); *Hanceola* Kudo (1929).

2360. *Adversaria in stirpes* imprimis *Asiae orientalis* criticas minusve notas, interjectis novarum plurimarum diagnosibus. Paris (Victor Masson et fils) 1866. Oct. (*Advers. stirp. As. orient.*).
Publ.: 1866 (J. Bot. Aug 1867), p. [1]-62. *Copy*: MO. – Reprinted from Ann. Sci. nat. Bot. ser. 5. 5: [202]-261. 1866. To be cited from journal.
Addition: Stirpium novarum tetras, J. Bot. 4: 171-173. 1866.

2361. *Florae hongkongensis prostheke*: compendious supplement to Mr. Bentham's description of the plants of the island of Hong Kong . . . Reprinted, by permission, from the Journal of the Linnaean Society. London (L. Reeve & Co.) 1872. Oct. (*Fl. hongk. prosth.*).
Publ.: 1872, p. [5]-59. *Copies*: MICH, NY. – Reprinted from J. Linn. Soc. Bot. 13: 95-144. 1872, see TL-2/427.

Handel-Mazzetti, Heinrich, Freiherr von (1882-1940), Austrian botanist and explorer; Dr. phil. Wien 1907; in China 1914-1919; from 1903-1925 connected with the University of Vienna, from 1925-1931 at the Natural History Museum; pupil of Richard Wettstein; died in a car accident on 1 Feb 1940. (*Hand.-Mazz.*).

HERBARIUM and TYPES: at W and WU. The first set of the moss collections from Iraq and China is at H. W has the main set of the Chinese and Iraq plants, WU of the Central European collections. Further types at FI in the Giraldi and Silvestri collections. FI has also many isotypes of other Handel-Mazzetti taxa.
Ref.: Sayre, G., Mem. New York Bot. Gard. 19(3): 331. 1975; Bryologist 80: 509. 1978.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(2): 27; Backer p. 652; Barnhart 2: 121; BFM 814, 1566; BJI 2: 67; BM 6: 431; BL 2: 405, 664; Bossert p. 162; DTS 6(4): 76, 77, 80, 146-147; Hortus 3: 1194 ("Hand.-Mazz."); IF suppl. 3: 210; IH 2: 253; Kew 2: 570-572; Langman p. 347; Lenley p. 210; LS 11087; MW p. 156-157, suppl. p. 83-84; SBC p. 121 ("Hand.-Mazz."); Tucker 1: 316.
Anon., Rev. bryol. lichén. 16: 131. 1947.
Collander, R., Hist. bot. Finland 40. 1965.
Handel- Mazzetti, H. von, *in* Fedde, Rep. Spec. nov. 46: 82-94. 1939 (ideas on botanical nomenclature).
Janchen, E., Richard Wettstein 180. 1933; Ber. deut. bot. Ges. 57: (179)-(201). 1939 (1940) (portr., extensive bibl.).
Janchen, E., Catal. fl. austr. 1: 43, 47. 1956, 890, 968. 1960.
Stapf, O., Nature 115: 996. 1925.

COMPOSITE WORKS: (1) *Asclepiadaceae und Apocynaceae*, in R. v. Wettstein, *Ergebnisse der botanischen Expedition . . . nach Südbrasilien* vol. 1, Denkschr. Akad. Wiss. Wien 79(2): 377-388, preprints distributed 1910; vol. 79(2) was completed only in 1931.
(2) Part 10, cent. 37-40, of R. v. Wettstein et al. *Schedae ad floram exsiccatam Austro-Hungaricum*, Wien, 1913, 132 p.

EPONYMY: *Handelia* Heimerl (1922); *Handeliella* Skuja (1937); *Handeliobryum* V. F. Brotherus (1925); *Handeliodendron* Rehder (1935); *Mazzettia* Iljin (1955); *Pseudohandelia* Tzvelev (1961).

2362. Aus dem botanischen Institut der k.k. Universität Wien. *Monographie der Gattung Taraxacum* . . . Herausgegeben mit Unterstützung der kaiserlichen Akademie der Wissenschaften in Wien. Mit 2 Tafeln in Lichtdruck, 3 lithogr. Tafeln und 2 Karten . . . Leipzig und Wien (Franz Deuticke) 1907. Qu. (*Monogr. Taraxacum*).
Publ.: Mai 1907 (Bot. Zeit. 16 Jun 1907; Nat. Nov. Jun(1) 1907), p. [i]-x, [1, cont.], [1]-175, *pl. 1-7* (see above). *Copies*: B, G, M, MO, NY. – *Motto*: "Genus auctoram negligentia hucusque valde desolatum, taediosa sane foliorum comparatio . . . tirones tam confusos reddit, quam ipsi sunt Floristae" (Reichenbach, Fl. germ. exc. p. 270). – "The . . . *Monographia* . . . is another remarkable example of Teutonic painstaking and thoroughness." (R.M.M., 1908).
Nachträge: Österr. bot. Z. 72: 254-275. 1923.
Ref.: R.M.M., J. Bot. 46: 205. 1908.
Solms, H., Bot. Zeit. 65(2): 353-354. 16 Nov 1907.
Diels, F. L. E., Bot. Jahrb. 40 (Lit.): 61. 1908.

2363. Wissenschaftliche Ergebnisse der Expedition nach Mesopotamien, 1910. *Pteridophyta und Anthophyta aus Mesopotamien* und Kurdistan sowie Syrien und Prinkipo. [Wien (Alfred Hölder) 1912-1914], 4 parts. Oct. (*Pteridoph. Anthoph. Mesopot.*).
Publ.: Reprinted with independent pagination from Ann. k.k. naturhist. Hofmus. Wien 1912-1914 as follows (*Copy*: G):

1: [1]-36, *pl. 2*, *in* Ann. 26: 120-154. 1912. (Nat. Nov. Nov(2) 1912).
2: [1]-52, *pl. 1-4*, *2-4*, *in* Ann. 27: 41-92. 1913 (id. Nov 1914).
3: [1]-69, *pl. 16-19*, *in* Ann. 27: 391-459. 1913. (id. Apr 1914).
4: [1]-27, *pl. 2*, *in* Ann. 28: 14-39. 1914 (p. 26-38: Nov 1913).

See also, Handel-Mazzetti, *Die Vegetationsverhältnisse von Mesopotamien und Kurdistan*, p. [1]-65, *pl. 3-8, in* Ann. 28: 48-111. 1914 (p. 65-111: Dec 1913).

Ref.: Diels, F. L. E. Bot. Jahrb. 49(Lit.): 31, 62. 1913.
Krause, Bot. Jahrb. 52(Lit.): 42. 1915.

2364. *Symbolae sinicae* Botanische Ergebnisse der Expedition der Akademie der Wissenschaften in Wien nach Südwest-China. 1914/1918. Wien (Verlag von Julius Springer) 1929-1937, 7 parts. Oct. (*Symb. sin.*).

1. *Algae* (Skuja), [i]-viii, [1]-105, [106, expl. pl.], *pl. 1-3, fig. 1-12.* 1937 (Nat. Nov. Sep 1937).
2. *Fungi* (Keissler, Lohwag), [i], [1]-79, *fig. 1-3.* Nachtr. Teil 5 [1 p.], id. Teil 6 [1 p.]. 1937 (Nat. Nov. Sep 1937).
3. *Lichenes* (Zahlbruckner), [i-ii], [1]-254, *pl. 1.* Dec. 1930 (Bryologist, rev. 1 Jul 1931; Nat. Nov. Jan 1931).
4. *Musci* (Brotherus), [i*-ii*], [i]-v, [1]-147, *pl. 1-5.* Jan-Apr 1929 (p. v: autumn 1928; Bryologist rev. 31 Mar 1930; Nat. Nov. Apr 1929).
5. *Hepaticae* (Nicholson, Herzog, Verdoorn), [i-iii], [1]-60, fig. 1-21. Jan-Aug 1930. (Bryologist rev. 11 Mar 1931; Nat. Nov. Aug 1930).
6. *Pteridophyta* (Handel-Mazzetti), [i-ii], [1]-52, [1, expl. pl.], *pl. 1-2.* Jan-Apr 1929 (Nat. Nov. Apr 1929).
7. *Anthophyta* (by Handel-Mazzetti) 1929-1936.

Lief.	pages	*pl.*	dates
1	[1]-209, [210, expl. pl.]	*1-4*	5 Oct 1929
2	211-448, [1-2, id.], abbr. on p. 2 cover	*5-8*	10 Aug 1931
3	449-730, [1, id.], err. slip	*9-12*	28 Aug 1933
4	731-1186, [1-2, id.], slip abbr.	*13-19*	1 Feb 1936
5	1187-1450, [i-ii], err. slip	-	15 Sep 1936

Copies: G, MICH, MO, NY, US, USDA (Copies differ slightly in absence and presence of preface material).
Collaborators: Heinrich Andres (1883-1970), Viktor Ferdinand Brotherus (1849-1929), Theodor K. J. Herzog (1880-1961), Karl von Keissler (1872-1965), Heinrich Lohwag (1884-1945), J. A. Nannfeldt (1884-x), William Edward Nicholson (1866-1945), Gunnar Samuelsson (1885-1944), Heinrich Skuja (1892-x), Karl August Harald Smith (1889-1971), E. Stibal, Frans Verdoorn (1906-x), Franz Elfried Wimmer (1881-1961), Hubert J. P. Winkler (1875-1941), Alexander Zahlbruckner (1860-1938).
Ref.: A.G., AB. R(endle) et al., J. Bot. 67: 184-186. Jun 1929 (4,6); Anon., ib. 68: 286-287. Sep 1930 (5,7(1)); 70: 28-29. Jan 1932 (7(2)); 72: 150. Mai 1934 (7(3)); 74: 150-151. Mai 1936 (7(4)); 74: 333-334. Nov 1936 (7(5)).

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Handschuch, Karl Friedrich Gottfried Albert (*fl.* 1832), German physician and botanist. (*Handsch.*).

HERBARIUM and TYPES: Unknown.

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Publ.: 1832, p. [1]-44. *Copy*: USDA.

Hanin, L. (*fl.* 1800), French botanist and physician. (*Hanin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGAPHY: BM 2: 781; Plesch p. 249; PR 3761-3763 (ed. 1: 4116-4117); Rehder 5: 364; Sotheby 321; TL-2/1409.

COMPOSITE WORKS: Contributed to Desvaux, *J. Bot.*, see TL 2/1410.

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Part 1: 1800, p. [i]-x, [1]-148, [1-2 table]. *Copies*: G, NY.
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Hanks, Lena (Lenda) **Tracy** (1879-1944), American algologist, high school teacher at New York. (*Hanks*).

HERBARIUM and TYPES: NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 121; Hortus 3: 1194 ("Hanks"); IH 2: 253; Langman p. 347; TL-2/781.
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Hanna, G Dallas (1887-1970), American palaeobotanist; Ph. D. George Washington University 1918; curator of paleontology (later geology) at the California Academy of Sciences 1919-1970; Dr. sci. h.c. Univ. Alaska 1970. (*Hanna*).

HERBARIUM and TYPES: CAS; diatoms also at FH.
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Hannon, Joseph Desiré (1822-1870), Belgian botanist and zoologist; Dr. sci. Liège 1845; from 1849 at the Université de Bruxelles. (*Hannon*).

HERBARIUM and TYPES: BR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 122; BM 2: 782; CSP 3: 163, 7: 903, 12: 309; IH 2: 253; Kew 2: 574; Jackson p. 271; Rehder 5: 364, Tucker 1: 316.
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Hansen, Carl (1848-1903), Danish horticulturist; from 1879 lecturer, later professor at the Copenhagen agricultural college (Landbohöjskolen). (*C. Hans.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 123; Bossert p. 162; CSP 15: 627; Hortus 3: 1194 ("Hansen"); Kew 2: 575; Tucker 1: 316; Zander ed. 10, p. 667.
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Hansen, Emil Christian (1842-1909), Danish microbiologist and mycologist; Dr. phil. Copenhagen 1879; director of the physiological department of the Carlsberg laboratories; Dr. med. h.c. Uppsala 1907. (*E. Hans.*).

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Hansen, George (1863-1908), German-born American horticulturist and botanist at the Sierra Foothill Experiment Station of UC in California. (*G. Hans.*).

HERBARIUM and TYPES: UC; further material see IH. Distributed *Flora of the Sequoia region* (1897).

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Hansen, Hans Marius Mølholm (1899-1960), Danish lichenologist and plant geographer at Copenhagen. (*H. Hans.*).

HERBARIUM and TYPES: C.

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HERBARIUM and TYPES: KIEL. – Exsiccatae: (1) *Herbarium der Schleswig-Holstein-Lauenburgischen Flora*, in "semicenturies" (Hefte of 50 specimens), Hefte 1-26, 1833-1862, Flensburg;

identifications by Nolte, sets at B, BM, C, KIEL, W, WAG; (2) *Schul-Herbarium*, 4 centuries (post 1850); (3) *Algen Herbar*, 110 nos., 1857. (4) *Pan der Herzogthümer* Schleswig, Holstein und Lauenburg, oder Gräser und Halbgräser, die daselbst wild wachsen.

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Hansgirg, Anton (Antonin) (1854-1917), Austrio-Bohemian algologist. (*Hansg.*).

HERBARIUM and TYPES: W; other material at F, FH, L, LE, MIN, MO, S, WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 123; BJI 2: 68; BM 2: 783, 6: 433; Bossert p. 163; CSP 10: 138, 15: 629-630; De Toni 1: lviii-lx, 2: lxii, 4: xxvi-xxvii; DTS 1: 102; IH 2: 254; Kew 2: 576; Klášterský p. 87; KR p. 264-265; Maiwald p. 230, 278; Moebius p. 323, 324; NAF 11(1): 89, ser. 2. 6: 64, 8: 47; Nordstedt p. 8, 17; Rehder 5: 365; Saccardo 1: 88; Tucker 1: 316.
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EPONYMY: *Hansgirgia* G. B. De Toni (1888).

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Hanstein, Heinrich (1825-1871), German botanist and pharmacist. (*H. Hanst.*).

HERBARIUM and TYPES: Unknown.

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Hanstein, Johannes Ludwig Emil Robert von (1822-1880), German botanist, at first in Berlin; studied in Berlin with Link and Klotzsch; Dr. phil. Berlin 1848; high school teacher at Berlin 1849-1859; curator at the Berlin herbarium 1860-1865; from 1865, professor of botany in Bonn; creator of the Bonn Botanical Institute; outstanding plant anatomist and developmental morphologist. (*J. Hanst.*).

HERBARIUM and TYPES: B.

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Hantschel, Franz (1884-?), German military physician and botanist in Northern Bohemia. (*Hantsch.*).

HERBARIUM and TYPES: Unknown.

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Hantzsch, Carl August (1825-1886), German diatomologist. (*Hantzsch*).

HERBARIUM and TYPES: Algae at W and WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 124; BM 2: 785; CSP 7: 906; De Toni 1: lx, 2: lxii; Frank 3(Anh.): 41; LS 11193-11194; NAF 11(1): 89; Stevenson p. 1244 ("Hantzsch").
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Hao, Kin-Shen [**Ching-shêng Ho**] (1903-x), Chinese botanist. (*Hao*).

HERBARIUM and TYPES: PE; other material A, B, W.

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Happe, Andreas Friederich (1733-1802), German naturalist and artist at the Berlin Academy of Sciences. (*Happe*).

HERBARIUM and TYPES: Unknown.

NAME: "Andreas Friederich Happe" in *Fl. crypt. depicta*.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 124; BM 2: 785; GR p. 85; HU 659; LS 11196; NI 782-787; PR 3776-3779 (ed. 1: 4121-4124); Rehder 5: 365.
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Hara, Hiroshi (1911-x), Japanese botanist at the University of Tokyo, explorer of the Himalaya and specialist on the Japanese phanerogamic flora. (*H. Hara*).

HERBARIUM and TYPES: TI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 124; Bossert p. 163; Hortus 3: 1194 ("Hara"); IF suppl. 4: 323; IH 2: 255; Kew 2: 577-579; Langman p. 348; MW p. 158, suppl. p. 84-88; Roon p. 48; Zander ed. 10, p. 667.
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NOTE: H. Hara's *Enumeratio spermatophytarum japonicarum*, Tokyo 1948-1954, 3 parts, was reprinted in a single volume by Otto Koeltz (Koenigstein Ts.) in 1972; see Taxon 22: 307-308. 1973. For his *The flora of Eastern Himalaya* see Taxon 16: 337-338. 1967, 17: 434. 1968, 21: 186. 1972.

EPONOMY: See under K. Hara.

Hara, Kanesuke (1885-1962), Japanese mycologist and plant pathologist. (*K. Hara*).

HERBARIUM and TYPES: TNS (information H. Hara).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 124; Hirsch p. 113; Kew 2: 579; LS suppl. 10658-10666; MW p. 158-160, suppl. p. 88-89; SK p. 216; Stevenson p. 1244 ("Hara").

EPONYMY: *Haraea* P. A. Saccardo & H. Sydow (1913); *Haraella* K. Hara & Hino (1955). *Note*: *Haraella* Kudo (1930) is dedicated to Yoshie Hara (*fl.* 1930), japanese orchidologist.

Hard, Miron Elisha (1849-1914), American mycologist; superintendent of public instruction at Kirkwood, Mo. (*Hard*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 125; BM 6: 433; Kew 2: 580; LS 11198-11202, suppl. 10673; MW p. 47; Stevenson p. 1244 ("Hard").
Hesler, L. Biogr. Sketches North Amer. mycol. 1975, mss.

HANDWRITING: See frontispiece to *The Mushroom* (1908).

2385. *The Mushroom* /edible and otherwise/ its habitat and its time of growth. With photographic illustrations of nearly all the common species. A guide to the study of mushrooms, with special reference to the edible and poisonous varieties, with a view of opening up to the student of nature a wide field of useful and interesting knowledge. Columbus, Ohio (The Ohio library Co. . . .) s.d. [1908]. Oct. (size). (*Mushroom*).
Publ.: Nov 1908 (p. x: 11 Jan 1908; Nat. Nov. Jan(1) 1909; see NAF 9: 437), front. (=*fig. 1*), p. [i], portr., [v]-xii, 1-609, *figs. 1-504* (photogr.), *pl. 1-66*. *Copies*: MICH, MO, NY, Stevenson, US, USDA.

Hardouin, L. (1800-1858), French botanist active in Normandy. (*Hardouin*).

HERBARIUM and TYPES: Unknown. – Kukkonen mentions a specimen at H.
Ref.: Kukkonen, I., Herb. Christ. Steven 52. 1971.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 126; BM 2: 785; BL 2: 135, 665; CSP 3: 174, 7: 907; PR 3780; Rehder 5: 365; Tucker 1: 317.
Brébisson, L. A. de, Fl. Normandie, p. viii. 1835.

2386. *Catalogue des plantes vasculaires qui croissent* spontanément dans le *département du Calvados*, distribuées d'après le Synopsis Florae germanicae et helveticae de J. Koch, 2e. édit. un vol. in 8. – Francfort-sur-le-Mein, 1843-44 . . . Caen (chez A. Hardel, . . .) 1848 [1849]. Oct. (*Cat. pl. vasc. Calvados*).
Co-authors: F. Renou (*fl.* 1849); E. Le Clerc (x-1868).
Publ.: 1849 (on cover; t.p. 1848), p. [i]-xiv, [1]-439, [440, ind.]. *Copies*: G, NY, USDA. – Orig. publ. in Mém. Soc. Linn. Normandie 8: 167-293. 1849 (volume publ. Sep.-Oct 1849).

Hardwicke, Thomas (1757-1833), British zoologist and botanist; soldier in the Bengal Artillery (1778); major-general in the Indian army (retired 1823); collected in India, Mauritius, South Africa and St. Helena. (*Hardw.*).

HERBARIUM and TYPES: BM and K; other material at G. – BM also has 22 water-colour drawings of Indian plants and a volume of *Sketches of plants growing about Pletterburg Bay on the coast of Africa*, Cape Town 1812 (see BM 2: 786; NI 790). – Hardwicke employed British and Indian artists to make drawings of natural history items. – Letters at K, LINN.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 254; Barnhart 2: 126; BB p. 138-139; BM 2: 785-786; CSP 3: 175-176; Dawson p. 140, 395, 851; Desmond p. 286; Hortus 3: 1194 ("Hardw."); IH 2: 255; Lasègue p. 128, 138, 191, 302, 504; NI 798; Rehder 5: 365; Tucker 1: 317; Zander ed. 10, p. 667.
Britten, J., J. Bot. 44: 235-241. 1906 (H's botanical drawings).
Burkill, I. H., Chapt. hist. bot. India 27, 29, 77, 232. 1965.
Dawson, W. R., Smith papers 51-52. 1934 (calendar of letters to J. E. Smith); J. Soc. Bibl. Nat. Hist. 2: 55-69. 1946.
Hardwicke, Th., Asiat. Res. 6: 309-381. 1799 (narrative of a journey to Srinagar, plants on p. 348-381).
Hooker, W. J., Bot. Misc. 1: 89-91. 1830.
Miller, H. S., Taxon 19: 525. 1970 (material in Lambert herb.).
Smith, Lady P., Memoir corr. J. E. Smith 2: 118-121. 1832.

EPONYMY: *Hardwickia* Roxburgh (1811).

Hardy, Apollon Joseph (1846-1929), Belgian botanist and high school teacher at Gilly, Tournai and, from 1884, at the middle school of Visé (*Hardy*).

HERBARIUM and TYPES: BR and LG; parts of the original herbarium were destroyed in 1914.

BIBLIOGRAPHY AND BIOGRAPHY: Barnhart 2: 126; BL 2: 38, 40, 41, 665; CSP 7: 907, 12: 311; IH 2: 255; Tucker 1: 317.
Crépin, F., Guide bot. Belgique 452. 1878.
De Wildeman, E., Bull. Soc. Bot. Belgique 63: 11-12. 1931.
Evens, F. M. J. C., Gesch. Algol. Belgie 173. 1944.

2387. *Monographie des Elatine de la flore belge.* Gand [Gent] (Imprimerie C. Annoot-Braeckman) 1872. Oct. (*Monogr. Elatine*).
Publ.: 3 Jun 1872 (paper presented 3 Dec 1871), p. [1]-26. *Copy*: G. – Reprinted from Bull. Soc. Bot. Belg. 10(3): 173-194. 1872.

Hariot, Paul Auguste (1854-1917), French naturalist; pupil of Bornet; from 1882 active at the cryptogamic department of the Muséum d'histoire naturelle, Paris; botanist on the Mission to Cape Horn on "la Romanche", 1883. (*Har.*).

HERBARIUM and TYPES: P, PC.
Ref.: Sayre, G., Mem. New York Bot. Gard. 19(3): 331. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 127; BM 2: 786, 6: 434; BL 2: 103, 123, 665; Bossert p. 163; CSP 7: 908, 13: 799, 15: 641-642, 16: 198, 17: 732; De Toni 1: lx, 4: xxviii; GR p. 281, cat. p. 64 ("Hariot"); Hortus 3: 1194 ("Hariot"); IH 2: 255; Kew 2: 582; Jackson p. 193, 280, 287, 289; Kleppa p. 291, 295; KR p. 265; Langman p. 348; Lenley p. 212; LS 11209-11242, suppl. 10704-10714; MW p. 160, suppl. p. 89; NAF 6: 1067; NI 792-793; Nordstedt p. 17; PFC 1: xliv, 3(2): x; Plesch p. 250; Rehder 5: 366; Stevenson p. 1244 ("Har"); TL-2/202; Tucker 1: 317; Zander ed. 10, p. 667.
Anon., Bot. Not. 1917: 206; Mycologia 9(6): 369. 15 Nov 1917; Torreya 17: 169-170. 2 Oct 1917; Bull. Soc. mycol. France 35: 1. 1919 (portr.; see Lloyd 1919).
Biers, Ann. crypt. exot. 1(4): 313-318. 1928 (portr.).
Collander, R., Hist. bot. Finland 55. 1965.
Degen, A., Magy. bot. Lap. 17: 116. 1919.

De Toni, G. B., Bull. Soc. bot. France 63: [13]-24. 1918 (bibl.).
Fuchs, H. P., Beih. Nova Hedw. 3: 89. 1962 (*Isoëtes Duriei*).
Hariot, P., De Bordeaux au Cap-Horn. Notes de voyage à travers l'Atlantique et le détroit de Magellan. Troyes, 1844 (*n.v.*).
Lindau, Bot. Jahrb. 16(Lit.): 24. 1893.
Lloyd, C. G., The Tylostomeae. Cincinnati, Feb 1906 (work dedicated to Hariot, with frontispiece portr.); Synopsis of the genus Hexagona, Cincinnati, Jun 1910 (idem!); Mycol. Notes 60: 876. 1919, 64: *pl. 156*. 1920 (portr.).
Mangin, L., Bull. Mus. Hist. nat. 1918: 465-476. 1918 (main biogr., bibl.).
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 143. 1947.
Reiche, K., Grundz. Pflanzenverbr. Chile 32. 1907 (Veg. Erde 8).

COMPOSITE WORKS: (1) *Algae, Fungi, in*: *Mission scientifique du Cap Horn* 1882-1883, vol. 5. 1889 (BM 2: 603) see below.
(2) *Notes sur les collections cryptogamiques* (no. 15), *in* Bienaimé et al., *Voyage de "la Manche" à l'île Jan Mayen et au Spitzberg* (juillet-août 1892). Paris 1894. Oct. (BM 2: 925).
(3) Contributed to Askenasy, *Forschungsreise Gazelle, Bot., Alg.*, 1888, see TL 2/202.

EPONYMY: *Hariotia* P. A. Karsten (1889); *Hariotiella* (Bescherelle & Massalongo ex Schiffner) Bescherelle & Massalongo (1898); *Hariotina* P. A. Dangeard (1899); *Hariotula* Arnaud (1917).

2388. *Florule du Canton du Méry-sur-Seine*. Troyes (imprimerie et lithographie Dufour-Bouquot ...) 1874. Oct. (*Fl. Méry-sur-Seine*).
Co-author: Louis Hariot (1817-1906), father of P. A. Hariot.
Publ.: 1874 (p. 14: 5 Nov 1873), p. [1]-76. *Copy*: HH. – Reprinted from Mém. Soc. acad. Aube 38, 1874.

2389. *Flore de Pont-sur-Seine*. Troyes (Imprimerie et lithographie Dufour-Bouquot) 1879. Oct. (*Fl. Pont-sur-Seine*).
Publ.: 1879 (p. 62: 1 Jul 1878; Nat. Nov. Nov 1879), p. [1]-62, [63, coloph.], *Copy*: G. – Reprinted from Mém. Soc. acad. Aube 43: [277]-334. 1879 (repr. with orig. pagination HH).

2390. Ministères de la Marine et de l'Instruction publique. *Mission scientifique du Cap Horn*. 1882-1883. Tome V. *Botanique*. Paris (Gauthier-Villars et fils) 1889. Qu. (*Miss. sci. Cap Horn, Bot.*).
Publ.: vol. 5 Botanique, publ. 1889 (Nat. Nov. Mar 1889), p. [i-iii], [1]-400, [1, cont.], 3 maps, *pl. 1-10* (crypt.), *1-5* (hep.), *1-6* (musci), *1-12* (phan.).

Algues, par P. Hariot, p. 3-110, *pl. 1-9* (5-9 col.).
Diatomacées, par P. Petit, p. 111-140, *pl. 10* (Paul Charles Michel Petit, 1817-1893).
Lichens, par J. Müller d'Argovie, p. 141-172 (Jean Müller, 1828-1896).
Champignons, par P. Hariot, p. 173-200.
Muscinées: I. Hépatiques, par E. Bescherelle et C. Massalongo, p. 201-252, *pl. 1-5* (Émile Bescherelle, 1828-1903; Caro Benigno Massalongo, 1852-1928).
II. Mousses, par E. Bescherelle, p. 253-312, *pl. 1-6*.
Phanérogamie, par A. Franchet, p. 313-400, *pl. 1-12* (*5, 6, 7, 12* col.) (Adrien René Franchet, 1834-1900).

The plates are plain or coloured liths. by Tronquois, P. Petit, C. Massalongo, d'Apréval. – *Copies*: G, HBG (part on algae as repr. [1]-109, *pl. 1-9*); MICH, Teyler, Stevenson (Champignons p. 173-200, only).
Ref.: Hariot, P. A., Bull. Soc. bot. France 31: 151-164. 1884 (pl. vasc.); J. de Bot., Paris, 1: 55-59, 72-74. 1887 (alg.).

2391. *Atlas des algues marines* les plus répandues des côtes de France. 48 planches en héliotypie tirées en couleur représentant 108 espèces d'algues faciles à récolter avec leur description ainsi que celle des espèces le plus voisines les moyens de les préparer et de les conserver ... Paris (Paul Klincksieck, Editeur) 1892. Oct. (*Atlas alg. mar.*).

Publ.: 1892, in 8 fascicles (livr. 1, *pl. 1-6*, Nat. Nov. Apr 1892; livr. 2, *pl. 7-12*, Nat. Nov. Jul 1892; livr. 3-8, *pl. 13-48*, Nat. Nov. Nov 1892); p. [i, iii], [1]-51, *pl. 1-48*.). *Copies*: L, MICH, NY, US.

2392. *Contributions à la flore phanérogamique de l'Aube.* Additions et rectifications. Troyes (Imprimerie et lithographie Paul Nouel) 1903. Oct. (*Contr. fl. phan. Aube*).
Publ.: 1903, p. [1]-142. *Copies*: G, USDA. – Reprinted from Mém. Soc. Acad. Agr. Dép. Aube 66: 5-142. 1902. See also: Hariot, ib. 55: 165-189. 1891 and Briard, *Cat. pl. Aube*, see TL-2/754.

2393. *Description de champignons nouveaux de l'herbier du Muséum* ... Paris (Au siège de la Société [mycologique de France] ...) [1904]. Oct. (*Descr. champ. nouv.*).
Co-author: Narcisse Théophile Patouillard (1854-1926).
Publ.: 1904, p. [1]-5. *Copy*: FH. – Reprinted, and to be cited from Bull. Soc. mycol. France 20(2): 61-65. 1904.

2394. *Les Urédinées* (rouilles des plantes) ... avec 47 figures dans le texte. Paris (Octave Doin) 1908. 18-mo. (*Urédinées*).
Publ.: 1908 (p. xv: 15 Mar 1908; Nat. Nov. Nov(2) 1908), p. [i]-xv, [1]-392. *Copies*: G, Stevenson.

Harkness, Harvey Willson (1821-1901), American physician and mycologist; in California from 1849, until 1869 at Sacramento as a practicing physician; from 1869 in retirement at San Francisco. (*Harkn.*).

HERBARIUM and TYPES: CAS (10.000). – Some material also in B, DS and PAD.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 127; Bossert p. 164; CSP 10: 142, 12: 217-218, 312, 14: 339, 824, 15: 643, 17: 854, 928; IH 2: 255; Kew 2: 582; Jackson p. 362; Lenley p. 212; LS 11243-11259; NAF 7: 1067, ser. 2. 1; 32; Stevenson p. 1244 ("Harkn."); Tucker 1: 317.
Anon., Zoe 2(1): 1-2. 1891; Bot. Gaz. 32: 154. 1901.
Essig, E. O., Hist. entomology 740. 1931.
Ewan, J., *in* Century Progr. Nat. Sci. 51. 1955.
Harshberger, J. W., Bot. Philadelphia 266. 1899.
Rodgers, D. P., Brief hist. mycol. N. Amer. 16-17. 1977.

EPONYMY: *Harknessia* M. C. Cooke (1881); *Harknessiella* P. A. Saccardo (1889).

2395. *Catalogue of the Pacific Coast fungi.* San Francisco (California Academy of Sciences) [1880]. Oct. (*Cat. Pacif. Coast fung.*).
Co-author: Justin Payson Moore (1841-1923).
Publ.: Feb-Apr 1880 (read 2 Feb 1880; Nat. Nov. Mai 1880; Bot. Zeit. 9 Jul 1880; TBC Mai 1880), p. [1]-46. *Copies*: MICH, NY, USDA.

Harmand, (Frère, Abbé) **Julien Herbert Auguste Jules** (1844-1915), French clergyman and lichenologist; ordin. Nancy 1868; teacher at the Collège de la Malgrange near Nancy and chaplain at the Institution des Sourds-Muets 1868-1901; in retirement at Docelles 1901-1915. (*Harm.*).

HERBARIUM and TYPES: ANGUC; important material at DUKE; further material at L, NCY, PC. *Exsiccatae*:
(1) *Guide élémentaire du lichénologue.* Exsiccata. Vols. 1-2, nos. 1-120, Epinal (Homeyer et Ehret) 1904. Issued by Harmand, H. Claudel and Victor Claudel (fide BF 1 Jul 1905). Sets at FH, PC. Accompanied by text, Paris (1904), 108 p., *1 pl.*
(2) *Lichenes gallici rariores exsiccati*, fasc. 1-4, nos. 1-175. Docellis Vogesorum 1908-1912. Sets at ANGUC, B, DIN, FH, G(1-3), L, MSTR, NTM, O, PC, W.
(3) *Lichenes in Lotharingiâ* a J. Harmand, dioecesis nanceiensis presbytero, ad gloriam Dei, naturae conditoris sapientissimi, studiose observati atque adjuvente et sapiens dirigente A. Hue, in sacerdotio fratre amicissimo recogniti et juxta proprias species distributi (fasc. 1-21,

nos. 1-1624, 1887-1899, with Auguste Marie Hue (1840-1917), sets at B, FH, GB, KIEL, L, PC, S.
(4) Claudel, H., Claudel, V. et Harmand, J. H. A., *Lichenes gallici praecipui exsiccati*, fasc. 1-11, nos. 1-550, Docellis Vogesorum 1903-1913, sets at B, FH, L, MPU, NTM, O, PC, S, SL, UPS, W.
Ref.: Anon., Bryologist 60: 62. 1957; Rev. bryol. lichén. 26: 88. 1957.
Sayre, G., Mem. New York Bot. Gard. 19: 117, 129-131. 1969.
Lallemant, R., Int. lichenol. Newsletter 11(1): 9. 1978.

BIBLIOGRAPHY and BIBLIOGRAPHY: Barnhart 2: 128; BJI 2: 68; BM 6: 435; CSP 15: 646; GR p. 282, cat. p. 64 ("Harm."); IH 2: 129, 256; Kew 2: 584; LS 11270-11280, 34181-34183a, suppl. 10717-10722; MW p. 160; Rehder 2: 303; SBC p. 121 ("Harm.").
Cordeiro, Broteria, Bot. 14(2): 120-121. 1916.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 143. 1947.
Werner, Bull. Acad. Soc. Lorraines Sci. 6(2): 109. 1966.
Note: See GR p. 282 for further references.

EPONYMY: *Harmandia* Baillon (1889); *Harmandiana* Bouly de Lesdain (1914); *Harmandiella* Costantin (1912).

2396. *Description des différentes formes du genre Rubus* observées dans le département de Meurthe-et-Moselle. Auch (Imprimerie et lithographie G. Foix) 1887. Oct. (*Descr. form. Rubus*).
Publ.: 1887, p. [1]-68, *pl. 1-50*, uncol. liths. *Copy*: L. – Rev. de Bot. 5: 322-334. Mar-Jul 1887, 6: 300-351. Oct-Dec 1887.

2397. *Catalogue descriptif des lichens observés dans la Lorraine* avec des tables dichotomiques et des figures . . . Nancy (Imprimerie Berger-Levrault et Cie) 1894. Oct. (*Cat. lich. Lorraine*).
Publ.: In six parts as reprints from the *Bulletin de la Société des sciences de Nancy*:

part	pages	*plates*	vol. Bull.	pages Bull.	dates
1	[i-vii], [1]-74	*1-2*	29	43-115	1894
2	75-166	*3-9*	30	307-397	1895
3	167-246	*10-13*	31	194-173	1896
4	[247]-344	*14-19*	32	162-259	1897
5	345-433	*20-25*	33	33-121	1898
6	435-513	*26-30*	34	[46]-124	1899[1900]

Copies: BR, FH, L, Stevenson. – Nat. Nov. Feb(2) 1897 (fasc. 2), Dec 1898(3,4), Aug(2) 1899(5), Sep(1,2), 1900(6).

2398. *Lichens de France.* Catalogue systématique et descriptif. Epinal (1: Typographie & Lithographie Homeyer & Ehret; 2-4: Paul Klincksieck; 5: Paul Klincksieck, Leon Lhomme, succr.) 1905-1913, 5 parts. Oct. (*Lich. France*).

Fasc.	pages	*plates*	dates
1	Collémacées [i]-xliv, [1]-156	*1-7*	Mai 1905
2	Coniocarpées [157]-205	*8*	Dec 1905
3	Stratifiés [209]-478	*9-12*	Dec 1907 or Jan-Feb 1908
4	Phyllodés [479]-755	*13-18*	1909
5	Crustacées [757]-1185	*19-21*	Jun-Sep 1913

Copies: MICH, MO, NY, Stevenson; IDC 7096.

2399. *Contribution à l'étude des lichens de la Grèce.* Nancy (Imprimerie Berger-Levrault et Cie) 1919. Oct. (*Contr. lich. Grèce*).
Publ.: 1909, p. [1]-36. *Copy*: G. – Matériaux pour servir à l'étude de la flore et de la Géographie botanique de l'Orient. (Missions du ministère de l'instruction en 1904 et en 1906). Sixième fascicule.

Harms, Hermann August Theodor (1870-1942), German botanist of the Engler school; at Berlin from 1893; executive editor of "Pflanzenreich" from 1900, of Engler and Prantl ed. 2 from 1930. (*Harms*).

HERBARIUM and TYPES: B (galls extant).

BIBLIOGRAPHY and BIOGRAPHY: AG 5(4): 38; Backer p. 254: Barnhart 2: 128; BFM 2321; BJI 1: 24; 2: 68-69; BL 1: 257, 299; Bossert p. 164; CSP 14: 850-851, 15: 647; Hortus 3: 1194 ("Harms"); IH 2: 256; Kew 2: 584; Langman p. 348-349; MW p. 160-161, suppl. p. 89; NAF 28B(a): 334, ser. 2.7: 40; Plesch p. 250; Rehder 5: 366; SO 2894, 2936, 3689; TL-2/766, 1298, 1711, 2851; Tucker p. 318; Zander ed. 10, p. 667.
Harms, H., Ber. deut. bot. Ges. 53(7): 588-593. 1935 (report on Amsterdam bot. congress).
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 143-144. 1947.
Schulze, G., Bot. Jb. 74(3): 349-374. 1949 (portr., bibl.); Ber. deut. bot. Ges. 68a(3): 225-228. 1955 (portr.).
De Wit, H. C. D., *in* C. G. G. J. van Steenis, Fl. males. ser. 1. 4(2): xcvii. 1949 (portr.).

COMPOSITE WORKS: (1) Dalla Torre, K. W. und H. Harms, *Genera Siphonogamarum*, Leipzig 1907-1908, *see* Dalla Torre, Tl 2/1298.
(2) In EP, *Die natürlichen Pflanzenfamilien*, ed. 1:
Achariaceae, Nachtr. 2-4(1): 256-257. Oct. 1897.
Araliaceae, 3(8): 1-48. 28 Dec 1894, 49-62 Apr (?) 1897; Nachtr. 2-4(1): 268-269. Oct. 1897, 2: 50-51. 8 Oct 1900.
Cornaceae, 3(8): 250-270. Jul 1898, Nachtr. 2-4(2): 52. 8 Oct. 1900.
Gomortegaceae, Nachtr. 2-4(1): 172-173. Aug 1897, (2): 25. 8 Oct 1900.
Malesherbiaceae, 3(6A): 65-68. 28 Dec 1893, Nachtr. 2-4(1): 253. Oct 1897.
Meliaceae, 3(4): 258-286. Mai 1896, 287-308. Jul 1896; Nachtr. 2-4(1): 208-209. Oct 1897, (2): 36-37. 8 Oct 1900.
Passifloraceae, 3(6A): 69-94. 28 Dec 1893; Nachtr. 2-4(1): 253-256. Oct 1897.
Plantaginaceae (with C. Reiche; Harms did *Plantago*), 4(3B): 363-373. Dec 1895; suppl. by Harms, Nachtr. 2-4(2): 72. 8 Oct 1900.
Verzeichniss derjenigen Angiospermen-Gattungen, welchen bis jetzt eine sichere Stellung . . . nicht zugewiesen werden kann, Nachtr. 2-4(1): 331-340. Dec 1897.
For a complete list especially of all additions (Nachträge) by Harms, see Bot. Jahrb. 74(3): 358. 1949.
(3) In EP, *Die natürlichen Pflanzenfamilien*, ed. 2:
Achariaceae, 21: 507-510. Dec 1925.
Akaniaceae, 19b: [173]-175. Jan-Mar 1940.
Balanophoraceae, 16b: [296]-339. Jan-Apr 1935.
Bromeliaceae, 15a: 65-159. Apr 1930.
Brunelliaceae, 18a: 486. Mai 1930.
Caricaceae, 21: 520-522. Dec 1925.
Centrospermae (gen.), 16c: [1]-6. Jan-Apr 1934.
Crassulaceae, 18a: 487. Mai 1930.
Cunoniaceae, 18a: 486. Mai 1930.
Eucommiaceae, 18a: 348-351. Mai 1930.
Euphorbiaceae, 19c: 240. 1931.
Grubbiaceae, 16b: [46]-51. Jan-Apr 1935.
Hamamelidaceae, 18a: 303-345, 487. Mai 1930.
Hydnoraceae, 16b: [282]-295. Jan-Apr 1935.
Malesherbiaceae, 21: 467-470. Dec 1925.
Meliaceae, 19b: [1]-172. Jan-Mar 1940.
Nepenthaceae, 17b: [728]-765. 1936.
Passifloraceae, 21: 470-507. Dec 1925.
Pittosporaceae, 18a: 486. Mai 1930.
Rafflesiaceae, 16b: [241]-281. Jan-Apr 1935.
Rhamnales (gen.), 20d: [1]-6. Jan-Jun 1953.
Rhoeadales (gen.), 17b: [1]-4. 1936.
Santalales et al. (gen.), 16b: [1]-4. Jan-Apr 1935.
Sarraceniales (gen.), 17b: [701]-703. 1936.

Saxifragaceae, 18a: 485-486. Mai 1930.
(4) Engler, *Pflanzenreich*: *Cucurbitaceae* (with C. A. Cogniaux) Heft 88: (iv, 275(2)): 28 Nov 1924 (TL 2/1713).
(5) General editor, *Règles int. nomencl. bot.* ed. 3, 1935; see TL 2/766.

EPONYMY: *Harmsia* K. M. Schumann (1898); *Harmsiella* J. Briquet (1896); *Harmsiodoxa* O. E. Schulz (1924); *Harmsiopanax* O. Warburg (1897); *Neoharmsia* R. Viguier (1951).

2400. *Vorschlag zur Ergänzung der "Lois de la nomenclature botanique de 1867"* dem in Wien 1905 tagenden Nomenclatur-Kongress zur Annahme empfohlen. Leipzig (In Commission bei Wilhelm Engelmann) 1904. Oct. (*Vorschlag.*).
Publ.: 20 Jun 1904, p. [1]-37. *Copy*: FAS. – Appendix 13, Notizblatt des Königl. botanischen Gartens und Museums zu Berlin, 1904. – Main proposal to accept Linnaeus, Species plantarum, ed. 1, 1753 as the starting point of botanical nomenclature and to set up a list of *nomina generica conservanda et rejicienda*. The list contained in this proposal formed the basis of the present list of conserved generic names of Spermatophyta.

Harper, Robert Almer (1862-1946), American botanist; pupil of Brefeld and Strasburger; professor of botany at Madison (Wisc.) (1898-1911); Torrey professor at Columbia University (1911-1930); specialist on the cytology of fungi and on phytopathology. (*R. A. Harper*).

HERBARIUM and TYPES: NY and WIS. – Reprint collection (15.000) donated to NY (1945).

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 123, 283, 301, 322-323; Barnhart 2: 128; BJI 2: 69; Bossert p. 164; CSP 15: 649; DSB 6: 121-122; Hirsch p. 113; IH 2: 256; Kew 2: 585; Lenley p. 212-213; LS 11286-11296, suppl. 10740-10744; Moebius p. 102, 104; NW p. 47; SO 907c.
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Hesler, L. R., Biogr. sketches N. Amer. mycol. 1975, mss.
Murrill, W. A., Hist. found. bot. Florida 42. 1945.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 450, 582. 1963.
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Stout, A. B., J. New York Bot. Gard. 47: 267-269. 1946.
Thorn, Biogr. Mem. Natl. Acad. Sci. 25(9): 227-240. 1949 (portr., bibl.).

FESTSCHRIFT: Bull. Torrey bot. Club 69(5), 1942.

Harper, Roland McMillan (1878-1966), American botanist from Georgia; Ph. D. Columbia Univ. 1905; associated with the Geological Surveys of Georgia (1903-1904), Alabama (1905 and later), Florida (1903 and at intervals to 1931). (*R. M. Harper*).

HERBARIUM and TYPES: NY. Distributed *Georgia plants*, *Florida plants*, *Alabama mosses*.
Ref.: Sayre, G., Mem. New York Bot. Gard. 19(3): 332. 1 Mai 1975.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 128; BL 1: 152, 163, 173, 174, 187, 299; Bossert p. 164; CSP 15: 649; Hortus 3: 1194 ("R. M. Harper"); IH 2: 256; Langman p. 349; Lenley p. 213-214; MW suppl. p. 89; Rehder 1: 320; Tucker 1: 318, 775; Zander ed. 10, p. 667.
Anon., Arkansas Democrat 29 Apr 1923 (on survey); Birmingham News, Sunday 1 May, 1966; J. New York Bot. Gard. 9: 66-67. 1908, 12: 130. 1911; The Tuscaloosa News 3 May 1966.
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Ewan, J., Southw. Louisiana J. 7(1-4): 38, 40, 41, 42, 47, 52, 53, 54. 1967 (bibl.); Bull. Torrey bot. Club 95(4): 390-393. 1968 (portr., selected bibl.).
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COMPOSITE WORKS: Contributed to J. K. Small, *Fl. southeast. U.S.* 1903.

EPONYMY: *Harperella* J. N. Rose (1906); *Harperia* J. N. Rose (1905): *Harperocallis* McDaniel (1968). *Note*: *Harperia* W. V. Fitzgerald (1904) is dedicated to Charles Harper, an Australian politician, who was also occupied with plant collecting and forestry.

2401. *A phytogeographical sketch of the Altamaha grit region* of the coastal plain of Georgia . . . [New York (New York Academy of Sciences)] 1906. Oct. (*Phytogeogr. sketch Altamaha reg.*).
Publ.: Nov 1906 (fide contents journal volume; Heft 1 itself dated Sep 1906); map, p. 1-414; reprinted from Annals of the New York Academy of Sciences 71(1): 1-414. 1906, *indexes* ib. 71(3): 659-688. Dec 1907. *Copy*: NY. – "An ecological classic." (Ewan 1968).

2402. Geological survey of Alabama . . . monograph 8 / *Economic botany of Alabama part 1.* Geographical report including descriptions of the natural divisions of the state, their forests and forest industries, with quantitative analyses and statistical tables . . . University, Alabama June, 1913. Oct. (*Econ. bot. Alabama*).
Publ.: Jun 1913, p. [1]-228, map. *Copy*: NY.

2403. Geological survey of Alabama . . . in cooperation with State Commission of Forestry . . . monograph 9 / *Economic botany of Alabama part 2* catalogue of the trees, shrubs and vines of Alabama, with their economic properties and local distribution . . . University, Alabama 1928. Oct. (*Econ. bot. Alabama*).
Publ.: 1928 (letter of transm. Jun 1928), p. [1]-357, map. *Copy*: NY.

Harris, Thomas Maxwell (1903-x), British palaeobotanist in London; trained at Cambridge; collected in East Greenland 1926-1927; specialized on Jurassic fossil plants. (*T. Harris*).

COLLECTIONS: BM (Geology Dept.).

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 274-275; Barnhart 2: 130; Jackson p. 19; Lenley p. 214; ME 1: 191; Roon p. 48.
Anon., J. Linn. Soc. London (Bot.) 61(384): 1-4. 1968 (portr., bibl.).
Harris, T. M., Biol. J. Linn. Soc. 3: 343-368. 1971 (minute books Linn. Club).
Schuster, R. M., Hep. Anthoc. N. Amer. 1: 49. 1966.

EPONYMY: *Harrisia* B. Lundblad (1961); *Harrisichara* L. Grambast (1957); *Harrisiothecium* B. Lundblad (1961); *Harrisispora* S. A. J. Pocock (1970); *Harrisocarpon* S. D. Chitaley & E. M. V. Nambudiri (1973); *Harrisostrobus* S. D. Chitaley & M. T. Sheikh (1973); *Tomaxellia* [sic] S. Archangelsky (1963); *Tomharrisia* R. Florin (1958).

2404. *The Rhaetic flora of Scoresby Sound* East Greenland. København (Bianco Lunos Bogtrykkeri] 1926. Oct. (*Rhaet. fl. Scoresby Sound*).
Publ.: 1926 (p. [45]: Apr 1926), p. [i, t.p. reprint], [45]-147, [148, index], *pl. 1-13* with text. *Copy*: USGS. – Reprinted from Medd. Grønland 68: 45-147, *p. 1-13*. 1926.

2405. *The fossil flora of Scoresby Sound* East Greenland, København (C. A. Reitzels Forlag, Bianco Lunos Bogtrykkeri a/s) 1931- 1937, 5 parts. Oct. (*Fos. Fl. Scoresby Sound*).

Part 1: 1931, p. [1]-102, [1-2, index], *pl. 1-18*. Medd. Grønland 85(2).
Part 2: 1932, p. [1]-112, [1-2, index], *pl. 1-9*. Medd. Grønland 85(3).
Part 3: 1932, p. [1]-133, *pl. 1-19*. Medd. Grønland 85(5).
Part 4: 1935, p. [1]-176, *pl. 1-29*. Medd. Grønland 112(1).
Part 5: 1937 (p. 114, printer's date 10 Mai 1937), p. [1]-114, *pl. 1*, 3 charts.

Copy: USGS.

2405a. British Museum (Natural History). *The British rhaetic flora.* London (printed by order of the trustees of the British Museum) 1938. Oct. (*Brit. rhaet. fl.*).
Publ.: 28 Mai 1938 (t.p.), p. [i]-xi, [1]-84, *pl. 1-5* with text. *Copies*: MICH, MO, USGS.

Harris, Wilson P(ark?) (fl. 1904), American cryptogamist; forester; resident of Brooklyn, N.Y.; collected in Western Montana. (*W. Harris*).

HERBARIUM and TYPES: Material at MONTU and NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 130; IH 2: 257; LS 11310.
Blankinship, J. W., Montana Agr. Coll. Sci. Studies 1(1): 15. 1905.
Ewan, J., Rocky Mountain naturalists 224. 1950.

EPONYMY: *Harrisia* N. L. Britten (1909) and *Harrisella* Fawcett & Rendle (1909) are dedicated to William Harris (1860-1920), British botanist, student of the flora of Jamaica.

2406. *Lichens and mosses of Montana*, a list based on material collected during the summer of 1901, with additions . . . prepared in connection with the work of the University of Montana Biological Station, under direction of Morton John Elrod. University of Montana, Missoula, Montana, U.S.A. 1904. Oct. (*Lich. mosses Montana*).
Co-author: Carolyn Wilson Harris (1849-1910), mother of W. P. Harris.
Publ.: 1904 (p. 311: 17 Jun 1903), p. [309]-330, *pl. lviii. Copies* (reprint): G, Steere. – Bull. Univ. Montana 19, Biol. Ser. 7.
Ref.: Blankinship, J. W., Montana Agr. Coll. Sci. Studies 1(1): 15-20. 1905.

Harshberger, John William Cleghorn (1869-1929), American botanist at Philadelphia. (*Harshb.*).

HERBARIUM and TYPES: PENN, PH; other material at A, B, GH, MO, NY, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 131; BM 2: 789, 6: 437; BJI 2: 69; BL 1: 198, 299; Bossert p. 165; Clokie p. 178; CSP 15: 656-657; DAB (by H. B. Baker); GR p. 221; Hirsch p. 114; IH 2: 257; Kew 2: 591; Lenley p. 215; LS 11317-11321, suppl. 10768-10769; NAF ser. 2. 6: 64; NW p. 47; Pennell p. 609; PFC 3(2): xi; Rehder 5: 367; SO 3529; TL-2/1712; Tucker 1: 319-320.
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2407. *The botanists of Philadelphia and their work.* Philadelphia [T. C. Davis & Son (printer)]. 1899. Oct. (*Bot. Philadelphia*).
Publ.: 1899 (p. iv: 1 Aug 1899), frontisp., p. [i]-xii, [1]-457, *pl. 1-26*, 23 portr. *Copies*: US; IDC 7553.

2408. *Phytogeographic survey of North America.* A consideration of the phytogeography of the North American continent, including Mexico, Central America and the West Indies, together with the evolution of North American plant distribution. Leipzig (Wilhelm Engelmann), New York (G. E. Stechert & Co.) 1911. Oct. (*Phytogeogr. surv. N. Amer.*).
Publ.: Mai 1911 (last proofs forwarded Feb 1911, copy rd. by author on 8 Jun; Nat. Nov. Jun(1) 1911), p. [i]-lxiii, [1]-790. *Copy*: MO. – Engler and Drude, Die Vegetation der Erde, vol. 13, TL-2/1712.
Second (reprint) *edition*: Weinheim/Bergstr. (H. R. Engelmann, J. Cramer), New York (Hafner Publishing Company) 1958, p. [iii]-xii, [1]-790, pl. 1-18, map, 32 text ill. Oct. *Copy*: FAS. – ISBN 3-7682-0003-5.
Ref.: Taylor, Torreya 11: 190-199. 12 Sep 1911 (rev.).
Harshberger, J. W. C., Torreya 11: 217-219. 18 Oct 1911 (reply to Taylor).
Fernald, M. L., Rhodora 13: 213-224. Oct 1911.
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2409. *The vegetation of South Florida* south of 27°30′ North, exclusive of the Florida Keys [Philadelphia (Wagner Free Institute of Science . . .) 1914]. (*Veg. S. Florida*).
Publ.: Oct 1914, *in* Trans. Wagner Free Inst. Sci. Philadelphia 7(3): [i-ii], [49-189], map. *Copy* (reprint): NY.

2410. *Text-book of pastoral and agricultural botany* for the study of the injurious and useful plants of country and farm . . . with 121 illustrations. Philadelphia (P. Blakiston's Son & Co.) s.d. [1920]. Oct. (*Text-book bot.*).
Publ.: Jul-Dec 1920 (p. ix: 3 Jul 1920; autobiogr. p. 34), frontisp., p. [i]-xiii, [1]-294. *Copies*: MICH, MO, USDA.

Hart, Henry Chichester (1847-1908), Irish botanist, who collected on the British Polar Expedition (1875/6) and in Palestine (1883-1884). (*Hart*).

HERBARIUM and TYPES: DBN (partly); British Polar Expedition plants at BM and K, Palestine Exploring Expedition plants at BM, K and MO. – Letters at K.
Ref.: Sayre, G., Mem. New York Bot. Gard. 19(3): 333. 1975.

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EPONYMY: *Hartia* Dunn (1902) is dedicated to Sir Robert Hart, "Inspector-General of the Chinese Maritime Customs"; *Hartiella* Massee (1910) is dedicated to John Hinchley Hart (1847-1911), British botanist, working in Trinidad.

2411. *The flora of Howth.* With map and an introduction on the geology and other features of the promontory . . . Dublin (Hodges, Figgis & Co.) 1887. Oct. (*Fl. Howth*).
Publ.: Oct 1887 (Nat. Nov. Nov 1887; J. Bot. Nov 1887; Bot. Zeit. 27 Jan 1888), p. [i-iii], [1]-137, [138, err.], map. *Copies*: MO, NY, USDA.

2412. *Some account f the fauna and flora of Sinai, Petra and Wâdy 'Arabah. London.* (Published for the Committee of the Palestine Exploration Fund by Alexander P. Watt) 1891. Qu. (*Account fauna fl. Sinai*).
Publ.: 1891 (Bot. Jahrb. 15 Sep 1891), p. [i]-x, [1]-255, 2 maps, *pl. 1-11* (uncol. liths. by W. H. Fitch). *Copies*: G, MO. – Botany p. [79]-120, *pl. 1-9*.

2413. *Flora of the County Donegal*, or list of the flowering plants and ferns with their localities and distribution. Dublin (Sealy, Bryers and Walker), London (David Nutt, . . .) 1898. Oct. (*Fl. Donegal*).
Publ.: Jul-Sep 1898 (p. [vii]: Mai 1898; J. Bot. Oct 1898; Bot. Zeit. 16 Nov 1898; Nat. Nov. Oct(1) 1898), p. [i]-xxiv, [1]-391, [392, err.], err. slip, map. *Copy*: HH. – For further details see BL.
Ref.: Britten, J., J. Bot. 29: 32. 1891, 36: 288, 408, 504. 1898, 37: 39-41. 1899.

Hartig, Theodor (1805-1880), German forester; from 1831-1838 lecturer and professor of forestry at Berlin; ultimately Forstrath and professor of forestry at the forestry college in Braunschweig. (*Hartig*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 439; Ainsworth p. 343 [index]; Andrews p. 275; Barnhart 2: 132; BM 2: 790, 6: 438; CSP 3: 194-195, 7: 912, 12: 314, 15: 662, Frank 3(Anh.): 41; Hortus 3: 1194 ("T. Hartig"); Kew 2: 593-594; Jackson p. 556 [index]; KR p. 266; LS 11428-11435; Moebius p. 170, 451; NI 798; PR 3791-3796 (ed. 1: 4156-4162); Ratzeburg p. 228-231 (!); Rehder 5: 370; Tucker 1: 322-323.
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Bergdolt, E., Karl von Goebel ed. 2. 33. 1941.
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Katter, Entomol. Nachr. 6(13/14): 151-152. 1880.
Klebs, Bot. Zeit. 38: 632-635. 1880.

EPONYMY: *Hartigia* Miquel (1845). – *Note*: *Hartigiella* P. Sydow (1900) is dedicated to Heinrich Julius Adolph Robert Hartig (1839-1901), German phytopathologist; *Hartighsea* A. H. L. Jussieu (1830) and *Hartigsea* Steudel (1840, *orth. var.*) are dedicated to Dirck Hartog (or Hartighs) (*fl.* 1616), Dutch navigator, who was the first to explore Western Australia.

2413a. *Abhandlung über die Verwandlung der polycotyledonischen Pflanzenzelle in Pilz- und Schwammgebilde*, und der daraus hervorgehenden sogenannten Fäulniss des Holzes . . . Berlin (Im Verlage von C. G. Lüderitz) 1833. Oct. (*Verwandl. Pfl.-Zelle*).
Publ.: 1833, p. [i]-vii, [viii, cont.], [1]-46, *pl. 1-2* (uncol. auct.). *Copy*: Teyler.

2414. *Neue Theorie der Befruchtung der Pflanzen.* Gegründet auf vergleichende Untersuchung der wesentlichsten Verschiedenheiten im Baue der weiblichen Geschlechtstheile. Braunschweig (Druck und Verlag von Friedrich Vieweg und Sohn) 1842. Oct. (*Neue Theorie Befrucht. Pfl.*).
Publ.: 1842 (p. [viii] 15 Nov 1841), p. [i-x], [1]-44, [1, err.], *1 pl.*, uncol. steel engr. *Copy*: MICH.

2415. *Vollständige Naturgeschichte der forstlichen Culturpflanzen Deutschlands* . . . Mit 120 in Kupfer gestochenen und colorirten Tafeln. Berlin (A. Förstner'sche Verlagsbuchhandlung (P. Jeanrenaud)) [1842-]1851. Qu. (*Vollst. Naturgesch. Culturpfl. Deutschl.*).
Publ.: In twelve parts, 1842-1851, p. [3]-10, [1-4, Synopsis A], Synopsis [i]-xvii, [11]-580, [4, ind.], Erklärung Kupfertafeln: [Hefte 1-6, 18 p.], [Hefte 7-8:] [1]-8, [Hefte 9-10: 1, + 1 err.], [Hefte 11-12; 1, + 1 err.].

Heft	*plates*	dates	Heft	*plates*	dates
1	*1-8*	1842	6	*44-53*	
2	*9-16*		7/8	*54-70*	
3	*17-25*		9/10	*71-86*	
4	*26-33*	1843	11/12	*87-104*	Sep 1851
5	*34-43*	Apr 1843	[extra]	additional nos.	Sep 1851

Copies: M, MO, NY, U. – The plates are handcoloured copper engr. numbered *1-104*, *35b-h*, *37b-c*, *41b-f*, *45b-c*, all by F. Guimpel. A page of text between plates *35* and *35b*(= *105*) explains the insertion of extra plates issued in an extra Heft.

Neue wohlfeile Ausgabe: Leipzig (Arthur Felix) [1886], with coloured plates, published in 4 "Hefte". *Copy*: G.

1: [i]-xvii, [1]-144, *pl. 1-30, publ.* Jun 1886 (Nat. Nov., Bot. Zeit.).
2: 145-306, *pl. 31-35, 44-53, 105-120, publ.* Jul 1886 (Nat. Nov.; Bot. Zeit.).
3: 307-452, *pl. 36-43, 54-74, publ.* Oct 1886 (Bot. Zeit.).
4: 453-580, *pl. 75-104, publ.* Oct 1886 (Bot. Zeit.).

Harting, Pieter (1812-1885), Dutch biologist, and microscopist; Dr. med. Utrecht 1835; practicing physician at Oudewater 1835-1841, from 1841-1843 at Franeker; from 1843 professor of natural philosophy, later of zoology at Utrecht University. (*Harting*).

HERBARIUM and TYPES: NBV.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 132; BL 2: 435, 665; BM 2: 791; CSP 3: 195-197, 7: 913-914, 10: 149, 12: 314, 15: 663; De Toni 1: lx, 2: lxiii; Frank 3(Anh.): 41; IH 2: 258; Jackson p. 152, 395; JW 1: 433, 2: 191, 3: 353; Kew 2: 594; LS 11436-11438; Moebius p. 434, 439; NI: sub W. H. de Vriese; NNBW 9: 322; Oudemans ser. 2. 2: 253; PR 3797-3798 (ed. 1: 4163-4166); Quenstedt p. 188; Rehder 5: 370; Tucker 1: 323.
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Kanitz, A., Magy. bot. Lap. 10: 11-16. 1886.
Meesters, Ronald, List 15, nos. 67-70. 1977.
Sirks, M. J., Ind. natuurond. 41, 156. 1915.

COMPOSITE WORKS: (1) Editor of *Album der Natuur* 1857-1885.
(2) W. H. de Vriese en P. Harting, *Monographie des Marattiacées*, 1853, see Vriese, W. H. de.

2416. *De magt van het kleine* zigtbaar in de vorming der korst van onzen aardbol, of overzigt van het maaksel, de geographische en de geologische verspreiding der polypen, der foraminiferen of polythalamien en der kiezelschalige bacillarien of diatomeen. Utrecht (bij van Paddenburg & Comp.) 1849. Oct. (*Magt kleine*).

Ed. 1: 1849 (p. [ix]: 8 Mar 1849), p. [i-x], [1]-218. *Copy*: U.
Ed. 2: Amsterdam (C. L. Brinkman) 1866 (p. [vi]: 15 Oct 1866), p. [i-vii], [1]-258. *Copy*: U.

Hartinger, Anton (1806-1890), Austrian botanical artist. (*Hartinger*).

ORIGINAL DRAWINGS: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 132; BM 2: 791-792; DTS 1: 54, 103; GF p. 58; Hortus 3: 1194 ("Hartinger"); Jackson p. 417, 488; Kew 2: 594; LS 11439; NI 799-802; Plesch p. 250-251; PR 3799-3801 (ed. 1: 4176); Rehder 5: 371; Sotheby 323; Tucker 1: 323.
Nissen, C., Philobiblon 6(8): 302. 1933.

2417. Endlicher's *Paradisus vindobonensis*, Abbildungen seltener und schönblühender Pflanzen der Wiener und anderer Gärten und Museen von Anton Hartinger . . . erläutert von Dr. Berthold Seemann . . . Illustrations of rare and ornamental plants of the Viennese and other gardens and museums by Anton Hartinger described by Berthold Seemann . . . Band 1, Volume 1. 1844-1860. Wien (Wallishauser Buchhandlung [Joseph Klemm]), Leipzig (J. G. Schrag's Verlag [A. G. Hoffmann]), London (Trübner & Comp.), Paris (Fr. Klincksieck), New York (Westermann & Comp.) 1844-1860. Fol. (*Parad. vindob.*).
Publ.: In 20 parts (a 21ste part was published separately) 1844-1860 (preface 1 Jan 1860) p. [i], [iii-v], [1]-48, [1, dedic. lith.], *pl. 1-80*, partly coloured liths. *Copy*: MO.

Lief.	*plates*	dates	Lief.	*plates*	dates
1	*1, 2, 3, 4*	Aug 1844	12	*45, 46, 47, 48*	Jun 1846
2	*5, 6, 7, 8*	Oct 1844	13	*49, 50, 51, 52*	Aug 1846
3	*9, 10, 11, 12*	Dec 1844	14	*53, 54, 55, 56*	Oct 1846
4	*13/14, 15, 16*	Feb 1845	15	*57, 58, 59, 60*	Dec 1846
5	*17, 18, 19, 20*	Apr 1845	16	*61, 62, 63, 64*	Jan 1847
6	*21, 22, 23, 24*	Jun 1845	17	*65, 66, 67, 68*	
7	*25, 26, 27, 28*	Aug 1845	18	*69, 70, 71, 72*	Sep 1848
8	*29, 30, 31, 32*	Oct 1845	19	*73, 74, 75, 76*	Sep 1848
9	*33, 34, 35, 36*	Dec 1845	20	*77, 78, 79, 80*	1858
10	*37, 38, 39, 40*	Feb 1846	21	*81/82, 83, 84*	1860
11	*41, 42, 43, 44*	Apr 1846			

Volume 1 contained originally fasc. 1-15 (*pl. 1-60*; 4 folio text sheets per Lieferung), volume 2 then started with fasc. 16. The title of the first Lieferung reads: *Auswahl der seltesten und ausgezeignetsten Blumen in naturgetreuen Abbildungen*. This was later changed to the title as cited above. Endlicher prepared manuscript for six of the plates. Fenzl, although cited in the title of the Lieferungen, contributed nothing. In 1858 B. Seemann continued the publication with the 20th Heft as the final Lieferung of Band I (originally scheduled to contain 15 Lieferungen) and changed the title to that given above. Seemann published another fascicle (21) in 1860, with three plates (81/82, 83 and 84) but publication then ceased. In the "new" make-up the collation is Band 1, pp. [ii], 48, [1] with 78 coloured plates, numbered *1-80* and Band 2 part 1, pp. 4 with 3 coloured plates, numbered *81-84*.

Ref.: Anon., Flora 30: 511. 1846, 31: 179. 1847, 35: 552. 1850.

Haidinger, Ber. Mitt. Freund. Naturw. Wien 1: 78. 1846, 2: 21, 190, 403. 1847, 5: 16.

2418. *Die essbaren und giftigen Schwämme* in ihren wichtigsten Formen. Als Erläuterung der von Anton Hartinger nach der Natur gezeichneten und in Farbendruck ausgeführten, von M. A. Becker, k.k. Schulrath, unter obigem Titel herausgegebenen Schulwandtafeln. Im Auftrage des k.k. Ministeriums für Kultur und Unterricht beschrieben von Johann Georg Bill, . . . Wien (Im k.k. Schulbücher-Verlage) 1858. Oct. (*Essb. gift. Schwämme*).

Author of text: Johann Georg Bill (1813-1870); publisher of the *Wandtafeln*: Moritz Alois Baron von Becker (1808?-1887).

Publ. (text only): 1858, p. [i]-vi, [1]-150, [1-4, table]. *Copy*: NY. – For Becker's plates see his *Die essbaren und giftigen Pilze in ihren wichtigsten Formen* . . . Olmütz 1855, fol. (n.v.) and his *Die Schwämme in ihren wichtigsten Formen* . . . Wien 1858. fol. (n.v.), *6 pl.* without text (cf. BM 2: 791; NI 802). Hartinger is the artist who painted for Becker. Bill published the above text. For ed. 2 of this text and later editions of the plates see 2419 and 2420.

2419. *Die essbaren und giftigen Schwämme* in ihren wichtigsten Formen. Als Erläuterung der von Anton Hartinger, k.k. Hofchromolithographen, nach der Natur gezeichneten und in Farbendruck ausgeführten, von M. A. Becker, k.k. Landesschulinspector, zur Förderung des Schulunterrichtes angeordneten Wandtafeln. Im Auftrage des k.k. Ministeriums für Cultus und Unterricht beschrieben von Johann Georg Bill, Doctor der Medecin, ö. o. Professor der Botanik und Zoologie am st.st. Joanneo zu Graz. Wien (Verlag der k.k. Hofchromolithogr. und artist. Verlagsinstitute von Ant. Hartinger & Sohn) 1875. Oct. (*Essb. gift. Schwämme*).

Ed. 1: 1858 see no. 2418.

Ed. 2: 1875, p. [i-iv], [1]-59. *Copies*: USDA, WU.

2420. *Die essbaren und giftigen Schwämme* in ihren wichtigsten Formen. Nach der Natur gezeichnet und lithografirt von Anton Hartinger k.k. Hof-Chromolithograf. Zur Förderung des Schulunterrichtes angeordnet von M. A. Becker kais. Schulrath. 12 Tafeln. Zweite verbesserte und vermehrte Ausgabe. Wien (Druck und Verlag des artistisch-lithografischen Institutes von Anton Hartinger und Sohn . . .) 1870. (*Essb. gift. Schwämme*).

Ed. 1 (two issues): Olmütz 1855 (NI 802) and Wien 1858, *6 pl.*, n.v., see 2418.

Ed. 2: 1870, *12 pl.* without text, 53, 5 × 35.5 cm. *Copy*: WU (inf. W. Gutermann).

Ed. 3: 1893, *12 pl.*, accompanied by text, n.v. (Nat. Nov. Mai 1893).

2421. *Atlas der Alpenflora.* Herausgegeben vom Deutschen und Oesterreichischen Alpenverein. Nach der Natur gemalt von Anton Hartinger . . . mit Text von Dr. K. W. v. Dalla Torre. Wien (Eigenthum und Verlag des Deutschen und Oesterr. Alpenvereins in Salzburg) [1881-] 1884, 4 vols. (*Atlas Alpenfl.*).
Text: Karl Wilhelm von Dalla Torre von Thurnberg-Sternhoff (1850-1928).

Lfg.	Nat. Nov.	Lfg.	Nat. Nov.	Lfg.	Nat. Nov.
1		13	Sep 1882	25	Sep 1883
2	Oct 1881	14	Oct 1882	26	Oct 1883
3	Nov 1881	15	Nov 1882	27	Nov 1883
4	Dec 1881	16	Dec 1882	28	Dec 1883
5	Jan 1882	17	Jan 1883	29	Jan 1884
6	Feb 1882	18	Feb 1883	30	Feb 1884
7	Mar 1882	19	Mar 1883	31	Mar 1884 14 pl.
8	Apr 1882	20	Apr 1883	32	Apr 1884 14 pl.
9	Mai 1882	21	Mai 1883	33	Mai 1884 14 pl.
10	Jun 1882	22	Jun 1883	34	Jun 1884 14 pl.
11	Jul 1882	23	Jul 1883	35	Jul 1884 14 pl.
12	Aug 1882	24	Aug 1883	36	Jul 1884 14 pl.

Band 1: [i, iii], *pl. 1-126.*
Band 2: [i, iii], *pl. 127-252.*
Band 3: [i, iii], *pl. 253-378.*
Band 4: [i-iv], *pl. 379-500, 408*[*a*].

The plates are chromoliths.
Text: Wien (. . . Alpenvereins in Wien) 1882, Oct., p. [i], [1]-249, [250, abbr., 251, err.]. *Copies* (text and plates): G, MICH, NY, US.
Companion vol.: K. W. v. Dalla Torre, *Wörterbuch der botanischen Fachausdrücke.* Ergänzung zu dem vom Deutschen und Oesterreichischen Alpenverein herausgegebenen Atlas der Alpenflora. Salzburg (id.) 1884 (p. iv: Jul 1884) p. [i]-iv, [1]-94. Oct. *Copies*: G, U.
Ed. 2: *Atlas der Alpenflora.* Herausgegeben vom Deutschen und Oesterreichischen Alpenverein. II. neubearbeitete Auflage. Wissenschaftlicher Redacteur: Dr. Palla, . . . Ausführung der Farbentafeln nach Naturaufnahmen und Originalvorlagen von A. Hartinger. Photolithographie nach eigenem Verfahren von Nenke & Ostermaier, Kunstanstalt, Dresden. Graz 1897. Eigenthum und Verlag des Deutschen und Oesterreichischen Alpenvereines. In Commission der J. Lindauer'schen Buchhandlung. München. 5 vols. Oct.

1: p. [i*], [iii*], contents [i]-xv, *pl. 1-100.* Apr 1896-Aug 1896.
2: p. [i], [iii], *pl. 101-200.* Jan-Oct 1897.
3: p. [i], [iii], *pl. 201-300.* Jan-Oct 1897.
4: p. [i], [iii], *pl. 301-400.* Jan-Oct 1897.
5: p. [i], [iii], *pl. 401-500.* Oct 1897.

Copies: U, USDA. – Accompanied by K. W. v. Dalla Torre, *Die Alpenflora der österreichischen Alpenländer*, Südbaierns und der Schweiz. Nach der analytischen Methode zugleich als Handbuch zu dem vom D.u.Ö. Alpenvereine herausgegebenen "Atlas der Alpenflora" (ii Auflage). München (J. Lindauersche Buchhandlung) 1899. Oct., p. [i]-xvi, [1]-270, [1, abbr.]. *Copy*: U.

Hartman, Carl (1824-1884), Swedish botanist; high school teacher at Gävle (1852-1859); lecturer at the teacher's college of Örebro; son of C. J. Hartman. (*C. Hartm.*).

HERBARIUM and TYPES: UPS; other material at B, C and H.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 132; BL 2: 475, 520, 534, 665; BM 2: 792-793; GR p. 490; IH 2: 258; Kew 2: 594; Jackson p. 331, 332; KR p. 266-268; PR 3805-3808; Rehder 5: 371; SO 184, 185, 186, 3457, 3462; Tucker 1: 323.

Anon., Leopoldina 20(17-18): 166. 1884; Bot. Not. 1852: 192, 1858: 102; 1884: 104-105.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 59, 939. 1963.
Wittrock, V. B., Acta Horti Berg. 3(3): 14, *pl. 102*. 1905 (portr.).

COMPOSITE WORKS: Edited editions 6-11 of C. J. Hartman, *Handbok i Skandinaviens flora*, q.v. (TL 2/2426).

2422. *Flora gevaliensis* seu enumeratio plantarum circa Gevaliam sponte crescentium, quam venia ampliss. facult. philos. Upsal. praeside Elia Fries . . . p.p. Carolus Hartman Gestricio Helsingus in audit. [handwritten: Gust. min.] die xiii nov. mdcccxlvii. h.p. [handwritten] m.s. Gevaliae [Gävle] (excudebat A. D. Landin) s.d. [1847]. Oct. (*Fl. geval.*).

1: p. [1]-18, resp. C. Hartman, 13 Nov 1847.
2: p. [i], 19-34, resp. R. W. Hartman, 7 Jun 1848 (Robert Wilhelm Hartman, 1827-1891; co-author).
3: p. [i], 35-57, auctor C. Hartman, 7 Jun 1848.

Copies: G (with t.p. of part 1 only), L (all 3 t.p.'s), NY (id.).
Swedish version: *Gefle-traktens vexter*, enl. Prof. Fries' naturliga system. Gefle (A. P. Landin) 1848. Oct., p. [i-iii], 15-57, *n.v.*, fide KR. (ed. 2, by R. W. Hartman, ib. 1863, see 2430).

2423. *Annotationes de plantes scandinavicis* herbarii linnaeani, in musaeo societ. linnaeanae Londin. asservati. [Stockholm (P. A. Norstedt & S.) 1852]. Oct. (*Annot. pl. scand.*).
Publ.: 1852 (KR), cover, p. [i], [1]-262. *Copy*: NY. – Partly reprinted from Sv. Vet.-Akad. Handl. 1849: 145-191, 1851: 211-246 ("Anteckningar vid de Skandinaviska växterna i Linnés herbarium"). See also Wallich, in W. J. Hooker, Kew J. Bot. Kew Gard. Misc. 4: 217-220, 252-254. 1852, 5: 25-29. 1853.

2424. *Skandinaviens fornämsta ätliga och giftiga Svampar.* 82 figurer å 8 planscher i färgtryck utgifna af C. Hartman, . . . Texten med författarens medgifvande hemtad från "J. W. Smitts Skandinaviens ätliga och giftiga svampar" och öfversedd at utgifvaren. Stockholm (på Em Girons Förlag) 1874. Oct. (*Skand. ätl. gift. Svamp.*).
Publ.: Apr-Dec 1874 (p. vii: Apr 1874), [i]-vii, [1]-71, [72, bibl.], *pl. 1-8*, col. liths. *Copy*: Stevenson. – Third ed. of Johan Wilhelm Smitt (1821-1904), Skandinaviens förnämste ätliga och giftiga svampar. Stockholm 1863, ed. 2, 1867, KR p. 655.

Hartman, Carl Johan (1790-1849), Swedish physician and botanist, pupil of Thunberg at Uppsala, ultimately government physician in Gästrikland. (*Hartm.*).

HERBARIUM and TYPES: UPS. – Hartman's considerable private herbarium went first to his son Carl (1824-1884) and is now incorporated in the general herbarium of UPS. Other material in C, H and in the Thunberg herbarium (UPS).

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 212-213; Barnhart 2: 133; BL 2: 475, 665; BM 2: 793; Bossert p. 165; CSP 3: 200, 7: 915, 10: 151, 15: 666; Hortus 1194 ("Hartm."); IF p. 701; IH 2: 258; Kew 2: 594-595; Jackson p. 331; KR p. 268-270; NAF ser. 2. 3: 36; PR 3802-3804 (ed. 1: 4168-4171); Rehder 5: 371; SBC p. 121 ("Hartm."); SO 848, 850a; Tucker 1: 323-324; Zander ed. 10, p. 669.
Anon., Bot. Not. 1843: 31, 32, 1849: 148, 1882: 164; Bot. Zeit. 7: 808; Generalreg. Bot. Not. 29-30. 1939; J. Bot. 21: 64. 1883.
Collander, R., Hist. bot. Finland 96. 1965.
Hartman, C., *in* C. J. Hartman, Handb. skand. Fl. ed. 5, p. xii-xxii. 1849 (portr.).
Scheutz, N. J. W., Bot. Not. 1863: 69.
Wittrock, V. B., Acta Horti Berg. 3(2): 40. 1903, 3(3): 14. 1905.

2425. *Genera graminum* in Scandinavia indigenorum recognita. Quae consensu experientiss. facult. med. Upsal. praeside C. P. Thunberg . . . p.p. auctor Carolus Joh. Hartman Gestric. Helsingus, stipend. reg. in auditor. botanico d. xxvii nov. mdcccxix. h.a.m.s. Upsaliae (Regiae Academiae Typographi) s.d. [1819]. Qu. (*Gen. gram.*).
Publ.: 27 Nov. 1819, p. [i], [1]-10. *Copies*: G, USDA. – Even though in many cases the

promotor (C. P. Thunberg) was responsible for the text of academic dissertations defended at Uppsala, this dissertation should be attributed to the defendant, C. J. Hartman, who is identified as "auctor" on the title page.

2426. *Handbok i Skandinaviens flora*, innefettande Sveriges och Norriges vexter, till och med mossorna. Med inledning, afhandlande grunderna för Botanikens studium, samt tvänne plancher . . . Stockholm (Zacharias Haeggström) 1820. Oct. (*Handb. Skand. fl.*).

Ed. 1: 7 Oct 1820 (SY p. 63), p. [1]-32, [i]-lxiii, [1]-489 ["488"], [1, err.], *pl. 1-2*. *Copies*: G, MO, NY, USDA. – P. Isoviita informed us (1977) that a complete set of all editions of the *Handbok* is at H.

Ed. 2: "*Handbok* . . . mossorna. Med en öfversigt af vextläran och botanikens studium i allmänhet . . . andra upplagen, omarbetad och förökad." Stockholm (Zacharias Haeggström) 1832. Oct.

Publ.: 1832, p. [i]-xxviii, [1]-cliv, [1]-408, *pl. 1-2*. *Copies*: NY, USDA.

Ed. 3: "*Handbok* . . . mossorna; med ett utkast till botanologien eller vextlären i allmänhet . . . tredje upplagen, rätted och förökad . . ." Stockholm (Zacharias Haeggström) 1838.

Förra delen: Botanologien. Med 2 Taflor, *publ.* 1838, p. [i]-iv, [i]-clxxix, [clxxx, err.], *pl. 1-2*. *Copies*: G, NY, USDA.

Sednare delen: Floran. Med 2 Taflor, *publ.* 1838, p. [i]-xxxii, [1]-350, *pl. 1-2*. *Copies*: G, NY, USDA.

Ed. 4: "*Handbok* . . . mossorna . . . Fjerde upplagan, rätlad och förökad. Med tvänne taflor." Stockholm (Zacharias Haeggström) 1843. Oct.

Publ.: Jan-Mai 1843, p. [i]-xxxiii, [1]-482, *pl. 1-2*. *Copy*: NY.

Ed. 5: "*Handbok* . . . mossorna; ordnade efter Prof. Fries' system . . . femte upplagan, rättad och förökad. Med författarans portrait." Stockholm (Zacharias Haeggström) 1849. Oct.

Publ.: Dec 1849 or Jan 1850 (p. vi: Dec 1849; Bot. Not. Feb 1850) portr. of author, p. [i]-xxiv, i-cxx, [1]-503. *Copies*: G, NY, USDA.

Ed. 6: "*Handbok* . . . Norges vexter, till och med Mossorna; ornade efter Prof. Fries' system . . . sjette upplagan, utgiven med rättelser och tillägg af Carl Hartman . . ." Stockholm (Zacharias Haeggström) 1854. Oct.

Editor: Carl Hartman (1824-1884). Edited eds. 6-11.

Publ.: Jun-Oct 1854 (pref. Jun 1854; Bot. Not. Nov-Dec 1854), p. [i*-iv*], [i]-cxxiv, [1]-536. *Copies*: G, MO, NY, USDA.

Ed. 7: "*Handbok* . . . . sjunde upplagan, utgiven med rättelser och tillägg af Carl Hartman . . ." Stockholm (Zacharias Haeggström) 1858. Oct.

Publ.: Jun 1858 (p. iv: 1 Jun 1858; Bot. Not. Jul 1858), p. [i*-iv*], [i]-cviii, [1]-494. *Copies*: G, NY.

Ed. 8: "*Handbok* . . . åttonde upplagan, utgifven med rättelser och tillägg af Carl Hartman . . ." Stockholm (Zacharias Haeggström Förlag) 1861. Oct.

Publ.: 14-19 Jun 1861 (p. iv*: Mai 1861; date inf. P. Isoviita from letters to Hartman), p. [i*-iv*], [i]-cviii, [1]-518, [1, err.]. *Copy*: NY.

Ed. 9: "*Handbok* . . . nionde upplagen, utgifven med rättelser och tillägg af Carl Hartman . . ." Stockholm (Zacharias Haeggström Förlag) 1864. 2 vols. Oct.

Förra delen: Phanerogamer och Ormbunkar, *publ.*: Sep- Dec 1864 (p. v: Sep 1864) p. [ii*-v*], [i]-lxiv, [1]-322.

Sednare delen: Mossor, *publ.*: Sep-Dec 1864, p. [i]-xii, [1]-120. A copy with an 1866 imprint is reported by Grolle (copy JE; see Feddes Repert. 87: 223 and in litt. to P. Isoviita); we have not found such a copy, but Saelan also mentions "1866".

Copies: NY, Steere (pars 2); USDA.

Ed. 10: "*Handbok* . . . tionde upplagan, utgifven med rättelser och tillägg af Carl Hartman . . ." Stockholm (Zacharias Haeggströms Förlag) 1870. 2 vols. Oct.

Förra delen: Phanerogamer och Ormbunkar, *publ.*: Mai 1870 (p. vi*: Mar 1870), p. [i*-vi*], [i]-lxx, [1]-343. *Copies*: G, NY. (Inf. date P. Isoviita).

Sednare delen: Mossor, *publ.*: Sep 1871 (p. iv: Mai 1871; Bot. Not. Nov 1871), p. [i]-xxviii, [1]-179, [180, err.]. *Copies*: G, NY, Steere (pars 2); USDA. (Inf. date P. Isoviita).

Ed. 11: "C. J. Hartmans *Handbok* . . . elfte, helt och hållet omarbetade upplagan, utgifven af Carl Hartman . . ." Stockholm (Zacharias Haeggströms Förlag) 1879. Oct.

Förra delen: Fanerogamer och ormbunkar, *publ.*: Mai-Jun 1879 (p. [iv*]: Mai 1879. Nat. Nov. Jun 1879), p. [i*-iv*], [i]-lxxxiii, [1]-626. *Copies*: G, NY, USDA.

Ed. 12: "C. J. och C. Hartmans Handbok i Skandinaviens flora, innefattande Sveriges, Norges, Finlands och Danmarks ormbunkar och fanerogamer. Tolfte upplagan, utgifven af Th. O. B. N. Krok . . . (Medearbetare: Lekt. S. Almquist; lekt. Hj. Hjelt; Doc. O. Kihlman; Koll. N. G. W. Langerstedt; Doc. E. Ljungström; Doc. A. N. Lundström; Rekt. L. M. Neuman; Dokt. N. Hj. Nillsson; Distriktsläk. L. Schlegel; Telegrafkomm. F. Svanlund och Prof. V. B. Wittrock.)" Stockholm (Hjalmar Kinbergs Förlagsexpedition) s.d. [1889]. Oct. †

Main author: Thorgny Ossian Bolivar Napoleon Krok (1834-1921).

Collaborators: Sigfrid Oscar Immanuel Almquist (1844-1923). Albert Hjalmar Hjelt (1851-1925). Alfred Oswald Kihlman (after 1906: Kairamo) (1858-1938). Nils Gerhard Wilhelm Kagerstedt (1847-1925). Ernst Leopold Ljungström (1854-1943) (see Bot. Not. 1944: 367-378). Axel Nicolaus Lundström (1847-1905). Leopold Martin Neuman (1852-1922). Nils Hjalmar Nilsson (1856-1925) (see Sv. bot. Tidskr. 20: 72-76. 1926). Henrik Adolf Leonard Schlegel (1845-1901). Johan Fredrik Eberhard Svanlund (1832-1902). Veit Brecher Wittrock (1839-1914).

Publ. (Första Häftet): Jun 1889 (Nat. Nov. Jul 1889; see also J. Bot. Dec 1889), p. [i-iv], [1]-128. Unfinished. Of the collaborators mentioned above Almquist, Lagerstedt and Svanlund contributed to this first and only part. *Copies*: G, MICH, NY. – For a continuation see no. 2947.

2427. *Svensk och norsk excursions-flora.* Phanerogamer och ormbunkar. Stockholm (Zacharias Haeggström) 1846. Duod. (*Sv. norsk exc.-fl.*).

Ed. 1: Jun-Jul 1846 (p. iv: 1 Jun 1846; Bot. Zeit. 28 Aug 1846), p. [i]-xvi, [1]-191. *Copy*: NY.

Ed. 2: "*Svensk* . . . Andra upplagan med rättelset och tillägg af Carl Hartman . . ." Stockholm (Zacherias Haeggström) 1853. Duod. *Publ.*: Mai-Jun 1853 (p. iv: 1 Mai 1853; Bot. Not. Jun-Jul 1853), p. [i]-xvi, [1]-191, [192, err.]. *Copy*: NY.

Ed. 3: "*Svensk* . . . Tredje upplagan med rättelser och tillägg af Carl Hartman, lector." Stockholm (Zacharias Haeggströms Förlag) 1860. Duod. *Publ.*: Sep-Dec 1860 (p. iv: 1 Sep 1860), p. [i]-xvi, [1]-201, [202, err.]. *Copy*: NY.

Ed. 4: "*Svensk* . . . Fjerde upplagan med rättelser och tillägg af Carl Hartman . . ." Stockholm (Zacharias Haeggströms Förlag) 1866. Duod. *Publ.*: Mai-Dec 1866 (p. iv: Mai 1866), p. [i]-xv, [1]-199. *Copies*: G, NY.

Hartman, Carl Vilhelm (1862-1941), Swedish botanist, ethnographer and archeologist, son of Carl Hartman; curator at the Carnegie Museum at Pittsburgh 1903-1908, later at the Stockholm Riksmuseum. (*C. V. Hartm.*).

HERBARIUM and TYPES: Unknown; possibly Costa Rican coll. at CM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 133; BL 2: 509, 665; CSP 15: 666; Kew 2: 594; KR p. 270; Langman p. 351.
Anon., Bot. Not. 1894: 133.
Hartman, C. V., Carnegie Mus. Pittsburgh, Ann. Rep. 1904: 25-28, 1909: 10.

2428. Handbok i svenska trägårdskötseln. Nionde afdelingen (Tilläggshäfte.) *Växtnomenclatur* innefattande de i Sverige vilda och odlade Växternas slägt- och artnamn, samt vanligare botaniska termer, deres betydelse och betoning, jemte förklaring af förkortade autorsnamn . . . Stockholm (Sigfrid Flodins Förlag) [1884]. Oct. (*Växtnomenclatur*).

Publ.: Aug-Sep 1884 (p. v: Aug 1884; Nat. Nov. Oct 1884; Bot. Zeit. 31 Oct 1884), p. [i]-v, [1]-178. *Copy*: Bo Peterson. – Constitutes the ninth part of E. Lindgren, A. Pihl och G. Löwegren, "Handbok i svenska trädgårdsskötseln."

Hartman, Robert Wilhelm (1827-1801), Swedish botanist, son of C. J. Hartman; teacher at Gävle; Dr. phil. Uppsala 1854. (*R. Hartm.*).

HERBARIUM and TYPES: UPS. – Exsiccatae: *Bryaceae Scandinaviae exsiccatae* (fasc. 1-15, nos. 1-450, Gevaliae [Landin; 14-15: Lindholm] 1857-1874, 450 nos. fasc. 14-15 edited by A. J. Lindholm), complete sets at BM, LD, S, UPS and W, other sets at B, BM, BR, C, CU, FH, FJ, GB, H, K, L, MANCH, PC. – Most sets were noticed by Bot. Not.

Ref.: Sayre, G., Mem. New York Bot. Gard. 19: 210. 1971.
Hartman, C., Handb. Skand. fl. ed. 10, 1871 (lists exsiccatae).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 133; BL 2: 520, 524, 665; BM 2: 793; GR p. 490; IH 2: 258; KR p. 270-271; PR 3809; Rehder 5: 371; Tucker 1: 324.
Anon., Bot. Not. 1872: 188; 1891: 173.
Wittrock, V. B., Acta Horti Berg. 3(3): 15, *pl. 102.* 1905 (portr.).

2429. *Helsinglands Cotyledoneae och Heteronemeae.* Academisk Afhandling, med vidtberömda Philos. Facultetens tillstånd, under inseende af Mag. Elias Fries, ... för philosophiska graden författad och utgifven af Rob. Wilh. Hartman ... och till offentlig granskning framställd på Gustav. Auditorium den 31 Maj 1854. p.v.t.f.m. Gefle (A. P. Landin) 1854. Oct. (in fours). (*Helsingl. Cotyl. Heteronem.*).
Publ.: 31 Mai 1854, p. [1]-35. *Copy*: NY. – Hartman is identified as author ("forfatted ... af").

2430. *Gefle-traktens växter*, med växtställen för de sällsyntare, uptecknade af Rob. Hartman. Andra upplagan. Gefle (A. P. Landin) 1863. Oct (*Gefle-tr. växt.*).
Publ.: 1863 (p. 4: 18 Jun 1863), p. [1]-60. *Copy*: GB. – Second edition of C. Hartman, Gefle-traktens vexter, 1848 (see no. 2422).

Hartmann, Frans Xaver, Ritter **von** (1737-1791), Austrian botanist. (*F. Hartmann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 133; BFM 1354, 1679, 1360; BM 2: 794; Dryander 3: 21; Lasègue p. 289; Moebius p. 352; PR 3810 (ed. 1: 4172); Rehder 5: 371; TL-2/1266.

COMPOSITE WORKS: See Crantz, *Inst. rei herb., add.* 1767, TL 2/1266.

EPONYMY: *Hartmannia* Spach (1835) is dedicated to Emanuel Friedrich Hartmann (1784-1837), German cryptogamist, later working in Louisiana; *Hartmannia* A. P. de Candolle 1836 is dedicated to Jos. Adolph Hartmann (*fl.* 1739), ... traveller in California.

2431. *Primae lineae institutionum botanicarum* clarissimi viri Crantz quas authoritate et consensu illustrissimorum, perillustrium, magnificorum, spectabilium, clarissimorum virorum reverendissi ac magnifici domini universitatis rectoris reverendissimi, illustrissimi, ac amplissimi domini universitatis cancellarii illustrissimi, magnifici, ac clarissimi inclytae facultatis medicae domini praesidis perillustris, ac magnifici inclytae facultatis medicae domini vice-praesidis perillustris, magnifici, ac spectabilis inclytae facultatis medicae domini decani d.d. sacrae caesareoregiae apostolicae majestatis consiliariorum & archiatrorum, nec non clarissimorum dd. professorum venerabilis domini senioris, atque totius amplissimi d.d. medicorum collegii pro doctoratus laurea, summisque in medicina honoribus & privilegiis legitime impetrandis publicae disquisitioni submittit Franc. Xaver. Hartmann silesius aa. 11. et phil. magister pro suprema doctoratus laurea candid. Disputabitur in palatio universitatis die mensis [ ] mdcclxvi. Vindobonae [Wien] (typis Joannis Thomae de Trattern) s.d. [1766]. Oct. (*Primae lin. inst. bot.*).

Ed. 1: 1766, p. [1]-60, [1.2, theses], *pl. 1-4*, uncol. copper engr. *Copy*: NY.
Ed. 2: Primarum linearum institutionum botanicarum clarissimi viri Crantizii editio altera continens characteristicas omnium classium icones, additamenta novorum generum et specierum. In necessarium institutionem rei herbariae supplementum auctore Franc. Xaver. Hartmanno ... Lipsiae [Liepzig] (impensis Joannis Pauli Kraus) 1767. Oct.
Publ.: 1767, p. [i-viii], [1]-94, [1-2, index], *pl. 1-4*, uncol. copper engr. by Aug. Cipps. *Copies*: M, MO.

Hartmann, Max (1876-x), German algologist. (*M. Hartmann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 133; Kew 2: 595; LS suppl. 10850-10853.

2432. *Autogamie bei Protisten* und ihre Bedeutung für das Befruchtungsproblem . . . mit 27 Abbildungen im Text. Jena (Gustav Fischer) 1909. Oct. (*Autogam. Protist.*).
Publ.: Jan-Jun 1909 (J. Bot. Jul 1909), p. [1]-72, *fig. 1-27*. *Copy*: G. – Reprinted from Archiv für Protistenkunde 14(2), 1909.
Ref.: S.G., J. Bot. 47: 282-283. 1909.

Hartmann, Wilhelm (fl. 1794) (= Gottfried Wilhelm Hartmann, ± 1770-1823?). (*W. Hartmann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIBLIOGRAPHY: Barnhart 2: 134; CSP 3: 201; MW p. 161; PR 3823 (ed. 1: 4194); Rehder 5: 371.

2433. Dissertatio inauguralis sistens observationes botanicas *de discrimine generico Betulae et Alni*. Quam consensu gratiosae facultatis medicae in Academia carolina stutgardiana constitutae pro gradu doctoris medicinae proponit auctor Guilelmus Hartmann, stutgardianus. Die [ ] Febr. mdccxciv. Typis Academicis [Stuttgart 1794]. Qu. (*Discr. Betul. Aln.*).
Publ.: Feb 1794, p. [i], [1]-38. *Copy*: M.
Reprint: in Roemer, Arch. bot. 2: 350-378. Mar-Dec 1801.

Hartung, C. A. F. A. Heinrich (*fl.* 1812), German physician. (*Hartung*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 795; PR 3824 (ed. 1: 4196); Rehder 3: 721.

NOTE: We have no biographical information on this author.

2434. *De Cinchonae speciebus*, atque medicamentis chinam supplentibus: dissertatio quam pro summis in arte medica consequendis honoribus, coram illustri facultate medica argentoratensi, die 29 februarii 1812, hora tertia pomeridiana, publice, defendere conabitur C. A. F. A. Henricus Hartung, mayenensis, ex praef. rheno. mosellana. Argentorati [Strasbourg] (typis Levrault, almae facultatis medicae typographi) 1812. Qu. (*Cinchon. sp.*).
Publ.: 29 Feb 1812, p. [i-iv], [1]-39. *Copy*: G.

Hartweg, Andreas (x-1831), German botanist, director of the Karlsruhe botanical Garden. (*A. Hartw.*).

HERBARIUM and TYPES: Unknown; bought 1832 by the Grand Duke of Baden.
Ref.: Anon., Flora 14(2) Int. Bl. 1: 5-6. 1831, 16: 64. 1833 (sale herb.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 134; BM 2: 795; Jackson p. 425; PR 3825 (ed. 1: 4197); Rehder 5: 371; Tucker 1: 324;
Anon., Flora 14: 303. 1831.

EPONYMY: *Hartwegia* C. G. D. Nees (1831).

2435. *Hortus carlsruhanus* oder: Verzeichnis sämmtlicher Gewächse welche in dem grossherzoglichen botanischen Garten zu Carlsruhe cultivirt werden nebst dem geschichtlichen der botanischen und Lustgärten von 1530-1825. Und einem Situationsplan im Grund- und Aufriss und im Durchschnitt von sämmtlichen Gewächshäusern. Herausgegeben von Garteninspector Hartweg. Carlsruhe (gedruckt bei P. Macklot) s.d. [1825]. Oct. (in fours). (*Hort. carlsruh.*).
Publ.: Apr-Dec 1825 (p. vi: Mar 1825), p. [i]-xlvii, 2 charts, [1]-303, [1]-7, [8], err.], *1* uncol. copper engr. *Copies*: NY (1 chart), Regensburg.
Ref.: Anon., Flora 9: 142 (rd.), 343-347 (rev.) 7 Mar & 14 Jun 1836.

Hartweg, Carl Theodor (1812-1871), German botanist; son of Andreas Hartweg; botanical collector for the Horticultural Society of London in North, Central and South America 1836-1843 and 1845-1847; afterwards inspector of the ducal gardens at Schwetzingen (Baden). (*Hartw.*).

HERBARIUM and TYPES: K (first set of Hartweg's own collections), LD (orig. herb.). Sets of plants collected by Hartweg are in many herbaria, see IH. Letters and reports in library, Royal Horticultural Society, London. Hartweg's plants were described by Bentham (*Pl. Hartw.*), see TL 2/424.

Ref.: McVaugh, R., *in* G. Bentham, Plantae hartwegianae, facsimile ed. (see e.g. for itinerary) (TL 2/424).

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 49; Backer p. 255; Barnhart 2: 134; BB p. 141; Clokie p. 179; CSP 3: 203; Desmond p. 291-292; Hemsley 4: 126-127; Hortus 3: 1194 ("Hartweg"); IH 2: 259; Jackson p. 556; Kew 2: 596; Langman p. 351, 927-928; Lasègue p. 207-209; ME 1: 192, 3: 592; PR (s.n.); Rehder 5: 371; TL-2/424.

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Jepson, W. L., Erythea 5(3): 31-35, 51-56. 1897 (explorations in America).

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McVaugh, R., Introduction to the facsimile reprint of George Bentham's Plantae Hartwegianae (Hist. nat. class. 30), Lehre (J. Cramer) 1970, ii, 102 p., map 3; see also Contr. Univ. Mich. Herb. 9: 243-244. 1972 (itin. Mexico).

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EPONYMY: *Hartwegia* J. Lindley (1837); *Hartwegiella* O. E. Schulz (1933).

Harvey, William Henry (1811-1866), Irish botanist; colonial treasurer at the Cape 1836-1841; curator of TCD 1843; professor of botany Dublin 1856; traveller in the United States (1849-1850), South Africa (1835-1841), and Australia, New Zealand and Fiji (1853-1856). (*Harv.*).

HERBARIUM and TYPES: TCD. – Duplicates in many herbaria. *Exsiccatae*:

(1) Australian algae, nos. 1-601. Sets at BM, DWC, FH, FMC, L, MEL, NY.

(2) *Ceylon algae*, nos. 1-106. Sets at FH, FMC, L, NY.

(3) *Friendly Island Algae*, nos. 1-124. Sets at FH, G, L, NY (collected at Tongatabu, Lifuka or Hapai, and Vavan). Important sets of Harvey's Australian algae are also e.g. at BM, DWC, MEL, NSW and STA; for further details see Ducker (1977), Blackler (1977) and

May (1977). The main part of the Sonder herbarium used for the *Flora Capensis* is at S (at least 60.000 specimens, fide B. Nordenstam in litt.); Gandoger (1913) claimed to have a large share of the Sonder/Fl. cap. originals (now at LY). See also under Sonder. A Harvey manuscript and 10 original plates is at FH. Letters at BM.

Ref.: Gandoger, M., Bull. Soc. bot. France 60: 415. 1913.
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COMPOSITE WORKS: (1) See J. W. Bailey, *U.S. Explor. Exped.*, *Lower Crypt.* 1862, TL-2/239.
(2) W. J. Hooker, *British flora*, vol. 2(1), *Confervoideae*, p. 322-385, *Gloiocladeae*, p. 385-401. 1833; reprinted 1844, TL-2/3000.
(3) Mackay, J. T., *Flora hibernica* vol. 2, 1836, *Algae*.

HANDWRITING: Bartonia 28: *pl. 5*. 1957; Candollea 30: 387-388. 1975; see also frontisp. portr. in Harvey, Man. Brit. mar. alg. ed. [2], 1849.

EPONYMY: *Harveya* W. J. Hooker (1837); *Harveyella* Schmitz & Reinke (1889).

2436. *The genera of South African plants*, arranged according to the natural system. Cape Town (A. S. Robertson) 1838. Oct. (*Gen. S. Afr. pl.*).

Ed. 1: Aug-Dec 1838 (p. 420: 23 Jul 1838), p. [i]-lxvi, [1]-429. *Copies*: G, MICH, MO, NY; IDC 5133.
Ed. 2: Oct 1868 (rd. Flora 21 Apr 1869, "just publ." J. Bot. Nov 1868; Trimen received his copy, now at MICH, Oct 1868), p. [i*]-12*, [i]-iii, [1]-483. *Copies*: G, MICH, MO, U, USDA; IDC 6110. – "Edited by J. D. Hooker . . ." Cape Town (J. C. Juta), London (Longman, Green, Reader, and Dyer).

Reprint ed. 2: Announced by Asher, Amsterdam (1974).

2436a. *A manual of the British algae*: containing generic and specific descriptions of all the known British species of sea-weeds, and of Confervae, both marine and fresh-water . . . London (John van Voorst, . . .) 1841. Oct. (*Man. Brit. alg.*).
Publ.: Jul-Oct 1841 (p. lvii: 5 Oct 1840; Hooker, J. Bot. Jul 1841 "advancing"; 3 Nov 1841 rd. by Boston Nat. Hist. Soc.), p. [i]-lvii, [1]-229. *Copies*: MO, NY, USDA; IDC 6371.
[*Ed. 2*]: Jul-Dec 1849 (p. v: 30 Jun 1849; Torrey received his copy, at NY, Apr 1850), portr. author, p. [i]-lii, [1]-252, *pl. 1-27*, with [54 p.] text, handcol. liths. by author. *Copies*: G, NY, US. – "A manual . . . sea-weeds. With plates to illustrate all the genera . . ." London (John van Voorst, . . .) 1849. Oct.

2437. *Algae antarcticae*, being characters and descriptions of the hitherto unpublished species of algae, discovered in Lord Auckland's Group, Campbell's Island, Kerguelen's Land, Falkland Islands, Cape Horn and other southern circumpolar regions, during the voyage of H.M. discovery ships "Erebus" and "Terror"; by Dr. J. D. Hooker and W. H. Harvey, Esq. M.D. [London 1845]. Oct. (*Alg. antarct.*).
Co-author: Joseph Dalton Hooker (1817-1911).
Publ.: Mai-Jun 1845, p. 1-32. *Copies*: FH, MO. – Reprinted with independent pagination from London J. Bot. 4: 249-276. Mai 1845, 293-298. Jun 1845.

2438. *Algae Novae Zelandiae*; being a catalogue of all the species of Algae yet recorded as inhabiting the shores of New Zealand, with characters and brief descriptions of the new species discovered during the Voyage of H.M. discovery ships "Erebus" and "Terror", and of others communicated to Sir W. Hooker by Dr. Sinclair, the Rev. W. Colenso, and M. Raoul. By Dr. Hooker, and W. H. Harvey, Esq. [London 1845-1848]. Oct. (*Alg. Nov. Zel.*).
Publ.: Oct 1845-Aug 1848, (in journal), p. [1]-31. *Copy*: FH. – Reprinted from London J. Bot. 4: 521-551. Oct 1845 and 7: 443-445. Aug 1848.

2439. *Phycologia britannica*: or history of British sea-weeds, containing coloured figures, generic and specific characters, synonymes, and descriptions of all the species of algae inhabiting the shores of the British Islands. In three volumes. London (Reeve Brothers) 1846-1851, 3 vols. (*Phycol. brit.*).

Publ.: Published in 60 parts or 6 plates at monthly intervals from Jan 1846 until June 1849 with some irregularity after this (Dixon). Originally the work was delivered in three volumes with their own title pages and the plates in numerical order. *Copies*: Teyler, US (signatures of 8 p. accompanied by 4 pl.).

1: 1846 (t.p.), p. [i]-xv, [i]-viii, plates with text *1-120*. 1846 (preface 3 Dec 1845);
2: 1849 (t.p.), p. [i*], [i]-vi, plates with text *121-240*. 1849;
3: 1851 (t.p.), p. [i]-xxxix [or-xlv], [i-xiv] or [i-x], plates with text *241-360*. 1851 (pref. 30 Jul 1851).
Barnhart, in an unpublished memoir at NY provided the following tentative data on publication (compiled 4 Aug 1932).

fasc.	*plates*	dates	fasc.	*plates*	dates
1	*1-6*	Jan 1846	31	*181-186*	Jul 1848
2	*7-12*	Feb 1846	32	*187-192*	Aug 1848
3	*13-18*	Mar 1846	33	*193-198*	Sep 1848
4	*19-24*	Apr 1846	34	*199-204*	Oct 1848
5	*25-30*	Mai 1846	35	*205-210*	Nov 1848
6	*31-36*	Jun 1846	36	*211-216*	Dec 1848
7	*37-42*	Jul 1846	37	*217-222*	Jan 1849
8	*43-48*	Aug 1846	38	*223-228*	Feb 1849
9	*49-54*	Sep 1846	39	*229-234*	Mar 1849
10	*55-60*	Oct 1846	40	*235-240*	Apr 1849
11	*61-66*	Nov 1846	41	*241-248*	Mai 1849
12	*67-72*	Dec 1846	42	*249-252*	Jun 1849
13	*73-78*	Jan 1847	43	*253-258*	
14	*79-84*	Feb 1847	44	*259-264*	
15	*85-90*	Mar 1847	45	*265-270*	
16	*91-96*	Apr 1847	46	*271-276*	
17	*97-102*	Mai 1847	47	*277-282*	
18	*103-108*	Jun 1847	48	*283-288*	
19	*109-114*	Jul 1847	49	*289-294*	
20	*115-120*	Aug 1847	50	*295-300*	
21	*121-126*	Sep 1847	51	*301-306*	
22	*127-132*	Oct 1847	52	*307-312*	1850
23	*133-138*	Nov 1847	53	*313-318*	
24	*139-144*	Dec 1847	54	*319-324*	
25	*145-150*	Jan 1848	55	*325-330*	
26	*151-156*	Feb 1848	56	*331-336*	
27	*157-162*	Mar 1848	57	*337-342*	
28	*163-168*	Apr 1848	58	*343-348*	
29	*169-174*	Mai 1848	59	*349-354*	
30	*175-180*	Jun 1848	60	*355-360*	1851

Subsequently the plates were issued in four volumes with new title-pages (all four "1846-51", see below). The later issues appear to have contained the plates in systematic order, they came out on two paper formats.

The Teyler and US copies have the plates numbered *1-360* with no numbers missing or double. Nissen (no. 806) reports, that the four volume issue has 382 plates of which *148*, *264*, *328*, *348*, *352*, *357* and *385* are missing and *24*, *114*, *141*, *169* and *207* double.
Ed. 1846-1851: reissue in four volumes, published by 1863: "In four volumes . . ." London (Reeve and Benham) 1846-1851 (on each of the four title-pages). *Copies*: G, Dale E. Johnson, MO, NY, USDA.

Vol. 1: p. [i]-xlv, [iii*, dedic.], [v*], vi*-viii*, [ix*], x*-xv*, index [i**], -viii**, *pl. 1-40*, *42-97*, with text.
Vol. 2: [i*-iii*], index [i]-vi, *pl. 98-189*, id.
Vol. 3: [i-vii], *pl. 190-279* (*231*, *241* double), (id.).
Vol. 4: [i*], [i]-iv, *pl. 280-360* (*289*, *338* double), (id.).

New edition: "In four volumes . . ." Ashford, Kent (L. Reeve & Co., Ltd.) 1871. Oct. All four volumes dated 1871, plates in systematic order. *Copies*: BR, MICH.
Vol. 1: [i*], [i]-xli, *97 pl.* with text. (numbers mixed).
Vol. 2: [i], *92 pl.* id.
Vol. 3: [i, iii], *90 pl.* id.
Vol. 4: [i], *109 pl.* id.
Copies: BR (*388 pl.* in all); MICH (*plates* see below); NY (*360 pl.*).

The MICH copy has the following plates:

Vol. 1: *pl. 1, 4, 8, 11, 14, 17, 19, 22, 25, 28A, 31, 33, 37, 41A, 45, 47, 49, 52, 56, 60, 64, 66, 70, 72, 75, 78, 79, 82, 87, 89, 91, 98, 101, 103, 107, 109, 111, 115, 124, 126, 128, 132-133, 138, 142-143, 149, 153, 156, 158, 162, 176, 178, 182-183, 189, 194, 197, 200, 204, 223, 229, 233, 237, 240-241, 248, 257-258, 260-261, 265, 270-271, 273, 280, 285, 289, 295, 312, 318, 323-324, 326, 329-330,,332, 338-339, 341, 343, 348-349, 359.*
Vol. 2: *pl. 2, 7, 9-10, 15, 23, 26, 32, 34, 40, 42, 44, 48, 50-51, 55, 61, 65, 73-74, 83, 85, 102A, 114, 116, 118, 121, 127, 134, 145-148, 151-152, 155, 157, 166-170, 172, 175, 177, 195, 198, 201-203, 205, 208-210, 217-218, 220-222, 224-225, 227-228, 234-236, 247, 250,'252-253, 259, 264, 267, 277-278, 283-284, 291-293, 301-303, 307, 319-320, 345-346, 347A, 347B, 358A.*
Vol. 3: *pl. 5, 13, 16, 20-21, 27, 36, 38, 46, 53, 57, 59, 63, 67, 69, 71, 77, 80-81, 88, 90, 94, 95, 97, 100, 104, 106, 108, 110, 112, 117, 120B, 123, 125, 129, 131, 136-137, 139-141, 144, 159, 161, 163-165, 179, 181, 184-185, 187-188, 191, 193, 199, 206, 209, 212, 214-215, 219, 230-232, 242, 244, 255, 262, 266, 269, 272, 274, 276, 279, 281, 287-288, 296-297, 308, 310, 313-314, 325, 331, 334, 337, 357.*
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Two extracts of the *Phycologia* appeared (BM 2: 795):

(1) *Synopsis of British Seaweeds*, compiled from Prof. Harvey's Phycologica Britannica, see no. 2445.
(2) Gatty, Mrs. Alfred, *British Sea-Weeds*. Drawn from Prof. Harvey's "Phycologia britannica," 2 vols. London (Bell and Daldy) 1872. Qu. (*vol. 1*: [i]-xlix, *pl. 1-37*, with text; *vol. 2*: [i], *pl. 38-80*, id., plates as in original. *Copy*: MICH).
Ref.: Dixon, P. S., Brit. phycol. Bull. 3(1): 115-116. 1966.

2440. *Algae tasmanicae*: being a catalogue of the species of algae collected on the shores of Tasmania by Ronald Gunn, Esq. Dr. Jeanneret, Mrs Smith, Dr. Lyall, and Dr. J. D. Hooker; with characters of the new species, by J. D. Hooker; M. D., and W. H. Harvey. [London 1847]. Oct. (*Alg. tasman.*).
Publ.: Aug 1847, p. [1]-20. *Copy*: FH. – Reprinted from London J. Bot. 6: 397-417. Aug 1847.

2441. *Nereis australis*, or algae of the Southern Ocean: being figures and descriptions of marine plants, collected on the shores of the Cape of Good Hope, the extra-tropical Australian colonies, Tasmania, New Zealand, and the antarctic regions; deposited in the herbarium of the Dublin University . . . London (Reeve, Brothers, . . .) 1847, 2 parts. Qu. †. (*Nereis austral.*).

1: 1848 (t.p.: 1847; p. viii: 24 Mai 1847; orig. cover dated 1848), p. [i*-iii*], [i]-viii, [1]-64, *pl. 1-25*.
2: 1849, before Nov (date on cover; Am J. Sci. Nov 1849), p. 65-124, *pl. 26-50*, *pl. 45* double.

Copies: G (has covers of parts), L, NY. – The book was never completed; the advertisement on the back cover of the wrapper of part one announces four parts, each containing 25 plates. The text ends abruptly on p. 124. Harvey continued the subject with his *Phycologia australica* (no. 2446) (1858-1863). The plates are handcoloured liths., by the author.
Facsimile ed.: Weinheim (J. Cramer) 1965, Hist. nat. class. 40, ISBN 3-7682-0261-5. *Copies*: FAS, MICH, J. Norris. – See also Taxon 17: 82. 1968.
Ref. : Pocock, M. A., Taxon 17: 725. 1968.

2442. *The sea-side book*: being an introduction to the natural history of the British coasts . . . New edition. London (John van Voorst, . . .) 1849. Oct. (*Sea-side book*).

Ed. 1: 1849, n.v., see note in BM 2: 795.
New edition: 1849, p. [i]-viii, [1]-256. *Copy*: FH.
Eds. 3 and 4: 1854, 1857, with W. Jarrell. (n.v.).

2443. *Nereis boreali-americana*; or, contributions towards a history of the marine algae of the atlantic and pacific coasts of North America. Washington (published for the Smithsonian Institution), London (John van Voorst) 1851-1858. Qu. (*Nereis bot.amer.*).
First issue: "Washington-London", t.p. part 1 dated 1851. *Copy*: MICH.

Part 1: 10 Nov-31 Dec 1851, or possibly Jan 1852 (t.p. 1851, p. [v, vii]: 10 Nov 1851), p. [i-vii], [1]-149, *pl. 1-12*.
Part 2: Mar 1853 (p. 258), p. [i-ii], [1]-258, *pl. 13-36*.
Part 3: Feb 1858 (t.p.), p. [i-ii], [1]-140, *pl. 37-50*.

The plates in this and following issues are coloured liths. (some handcol. parts) of drawings by the author. – Part 3 with headline "Smithsonian contributions to knowledge".
Second issue: Mai 1858 (in this combination); Washington-City (Published by the Smithsonian Institution) New York (D. Appleton and Co.).

General part: Mai 1858, p. [i]-iv, [i]-viii.
Part 1: Jan 1852 (p. 150), p. [i-ii], [1]-150, *pl. i-xii*.
Part 2: Mar 1853 (p. 258), p. [i-ii], [1]-258, *pl. 13-36*.
Part 3: Mar 1858 (p. 140), p. [i-ii], [1]-140, *pl. 37-50*.

Copies: MO, NY, US, USDA. *Plates* as in first issue. Parts 1-3 each with a headline "Smithsonian Contribution to knowledge" on t.p. Part 3 of second issue identical with part 3 of first issue.
Third issue: In Smithsonian Contributions to Knowledge (Mai 1858?):
Part 1: in vol. 3, art. 4 (this designation on t.p.).
Part 2: in vol. 5, art. 5 (id.).
Part 3: as in first and second issues.

Facsimile reprint: 1976, J. Cramer (In der A. R. Gantner Verlag Kommanditgesellschaft) FL 9490 Vaduz, ISBN 3-7682-1063-4, Bibliotheca phycologica vol. 20. Based on *third* issue. *Copy*: FAS. – See also Taxon 26: 119. 1977.

Ref.: Gray, A., Am. J. Sci. ser. 2. 14: 1-8. 1 Jul 1852.
Hooker, W. J., J. Bot. Kew Gard. Misc. 4: 126-128. 1852, 5: 192, 221-224. 1853.
Anon., Bonplandia 1: 119. 15 Jun 1853.

2444. Short characters of some *new genera and species of algae* discovered on the coast of the colony of Victoria, Australia. [London 1855]. Oct. (*New gen. sp. alg.*).
Publ.: Mai 1855, p. [1]-5, *pl. viii*. *Copy*: FH. – Reprinted with independent pagination from Ann. Mag. nat. Hist. 15: 332-336. *pl. viii*. Mai 1855.

2445. *Synopsis of british seaweeds*, compiled from Professor Harvey's Phycologia britannica. London (Lovell Reeve, . . .) 1857. Oct. (*Syn. brit. seaweeds*).
Publ.: Aug-Sep. 1857 (p. vi: 21 Jul 1857; BSBF Oct-Dec 1857; Lit. Gaz. 10 Apr 1858), p. [i]-viii, [1]-219. *Copies*: MICH, NY, USDA.

2446. *Phycologia australica*; or, a history of Australian seaweeds; comprising coloured figures and descriptions of the more characteristic marine algae of New South Wales, Victoria, Tasmania, South Australia, and Western Australia, and a synopsis of all known Australian algae . . . London (Lovell Reeve, . . .) 1858-1863, 5 vols. Qu. (*Phycol. austral.*).
Publ.: 300 plates with accompanying text, published in 50 parts of 6 coloured plates each. Each plate accompanied by 2 p. text. Full details still wanting. Plates not dated. – *Copies*: G, MO, NY, US,; IDC 451.

1: [i]-xi, *pl. 1-60*, with text, index [v]-viii. 1858.
2: [i, iii], *pl. 61-120*, with text, index [v]-viii. 1859.
3: [i, iii], *pl. 121-180*, with text, index [v]-viii. 1860.
4: [i, iii], *pl. 181-240*, with text, index [v]-viii. 1862.
5: [i]-vi, *pl. 241-300*, with text, index [vii]-x, synoptic catal. [v]-lxxiii. 1863 (dedic. 1 Sep 1863).
Plates: lithographs by W. H. Harvey.

Ref.: Harvey, W. H., Bull. Soc. bot. France 2: 218-221. 1855 (on his Australian collections).

2447. *Thesaurus capensis*: or, illustrations of the South African flora, being figures and brief descriptions of South African plants, selected from the Dublin University Herbarium. Dublin (Hodges, Smith, and Co.), London (John van Voorst), Capetown (A. S. Robertson) 1859-1863, 2 vols. Oct. (in fours). (*Thes. cap.*).

Vol. 1: [1]-68, *pl. 1-100* (*61/62* comb.).
Vol. 2: [i-iii], [1]-68, *pl. 101-200* (*137/138* and *187/188* comb.).
Plates: lithographs by W. H. Harvey.

Copies: G, MICH, MO, NY; IDC 5948. – According to the preface and the review of "Vol. 1, no. 1" in Bonplandia 7: 201 (1 Aug 1859) this book was published in "quarterly" parts of 25 plates. Part 1 contained 16 pages and 25 plates. Volume 1 was finished in 1860 (fide Schlechtendal, Bot. Zeit. 18: 356-357. 9 Nov 1860). It may be assumed that the contents of the parts of vol. 1 were as follows: 1 (p. 1-16, *pl. 1-25*) publ. before 1 Aug 1859, 2 (p. 17-32, *pl. 26-50*), 3 (p. 33-48, *pl. 51-75*), 4 (p. 49-68, *pl. 76-100*); a similar division is possible for vol. 2. Information on exact dates, however, is still lacking. "The impression is limited to 250 copies, of which 150 are reserved for colonial sale." (Preface). The plates are uncol. liths. by the author.

2448. *Flora capensis*; being a systematic description of the plants of the Cape Colony, Caffraria and Port Natal . . . Dublin, London, Capetown (imprints see below) 7 vols. 1860-1933. (*Fl. cap.*).

Vol.	parts	pages	dates	reprints	editors
1	-	see below	10-31 Mai 1860	1894	Harvey & Sonder
2	-	[i]-ix, [1]-621	15-31 Oct 1862	1894	Harvey & Sonder
3	-	[i]-ix, [1]-633	24 Feb-30 Jun 1865	1894	Harvey & Sonder
4(1)	1-6	[i]-xvi, [1]-1168	1905-1909	see 1973	W. T. Thiselton-Dyer
4(2)	7-9	[i]-viii, [1]-480	1904	below 1973	W. T. Thiselton-Dyer
5(1)	1-4	[i]-xvi, [1]-747	1901-1912	see 1973	W. T. Thiselton-Dyer
5(2)	5-8	[i]-viii, [1]-606	1915-1925	below 1973	W. T. Thiselton-Dyer
5(2)	suppl.	[i]-vi, [1]-46	28 Mar 1933	-	A. W. Hill
5(3)	9-10	[i]-xi, [1]-332	1912-1913	1973	W. T. Thiselton-Dyer
6	1-3	[i]-xi, [1]-563	1896-1897	-	W. T. Thiselton-Dyer
7	1-4	[i]-viii, [1]-792	1897-1900	1958	W. T. Thiselton-Dyer

Original issue: *Copies*: MICH, NY, US, USDA; IDC 5949.

Vol. 1: 10-31 Mai 1860, p. [1*]-21*, [i]-xxxviii, [1]-546, Dublin (Hodges, Smith, and Co.), Capetown (A. S. Robertson), by W. H. Harvey and Otto Wilhelm Sonder (1812-1881).
Vol. 2: 15-31 Oct 1862, p. [i]-ix, [1]-621, imprint and authors as in vol. 1.
Vol. 3: 24 Feb-30 Jun 1865, p. [i]-ix, [1]-633, Dublin (Hodges, Smith, and Co.), Capetown (I. C. Juta), by W. H. Harvey and O. W. Sonder.
Vol. 4, section 1: Mai 1905-Feb 1909, p. [i]-xvi, [1]-1168. London (Lovell Reeve & Co., Ltd.) "by various botanists. Edited by Sir William T. [Turner] Thiselton-Dyer" (1843-1928).

part 1: 1-192. Mai 1905.
part 2: 193-336. Aug 1905.
part 3: 337-480. Oct 1906.
part 4: 481-672. Nov 1907.
part 5: 673-864. Mar 1908.
part 6: 865-1168. Feb 1909.

Vol. 4, section 2: Feb 1904-Oct 1904, p. [i]-viii, [1]-479, [480], London (Lovell Reeve & Co., Ltd.) "by various . . . [as 4(1)]"

part 1: 1-192. Feb 1904.
part 2: 193-384. Jul 1904.
part 3: 385-479. Oct 1904.

Vol. 5, section 1: Jun 1901-Jun 1912, p. [i]-xvi, [1]-747. Authorship as in vol. 4.

part 1: 1-224. Jun 1901.
part 2: 225-448. Mai 1900.
part 3: 449-640. 16 Jan 1912.
part 4: 641-747. Jun 1912.

Vol. 5, section 2: Apr 1915-Jan 1925, p. [i]-viii, [1]-606, London (L. Reeve & Co., Ltd.) "by various . . . [as 4(1)]"

part 1: 1-192. Apr 1915
part 2: 193-384. Oct 1915.
part 3: 385-528. Mai 1920.
part 4: 529-600. Jan 1925.

Vol. 5, section 2 (supplement): 28 Mar 1933 (slip in copy US), p. [i]-vi, errata slip, [1]-46, *fig. 1-8.* Ashford, Kent (L. Reeve & Co., Ltd.), "by various botanists. Edited by Sir Arthur William Hill. . ." (1875-1941).

Vol. 5, section 3: Oct 1912-Mar 1913, p. [i]-x, [xi], [1]-332. London (L. Reeve & Co.). Authorship as in vol. 4.

part 1: 1-192. Oct 1912.
part 2: 193-332. Mar 1913.

Vol. 6: Apr 1896-Jun 1897, p. [i]-x, [xi-xiv], [1]-563. London (L. Reeve & Co.). Authorship as in vol. 4.

part 1: 1-192. Apr 1896.
part 2: 193-384. Sep 1896.
part 3: 385-563. Jun 1897.

Vol. 7: Dec 1897-Mai 1900, p. [i]-viii, [1]-791, [792, err.], Ashford, Kent (L. Reeve & Co.). Authorship as in vol. 4.

part 1: 1-192. Dec 1897.
part 2: 193-384. Jul 1898.
part 3: 385-576. Aug 1899.
part 4: 577-791. Mai 1900.

Reprints

Vol. 1: *first issue*: 1894, Ashford, Kent (L. Reeve and Co., Ltd.), p. [i]-xxviii, [1]-546. *Copy*: FAS.
second issue: [1894], London (L. Reeve and Co.) s.d. *Copy*: US.
Vol. 2: *first issue*: 1894, Ashford, Kent (L. Reeve & Co., Ltd.), p. [i]-ix, [1]-621. *Copy*: FAS.
second issue: [1894], London (L. Reeve and Co.), p. [i]-ix, [1]-621. *Copy*: US.
Vol. 3: *first issue*: 1894, Ashford, Kent (L. Reeve & Co., Ltd.), p. [i]-ix, [1]-633. *Copy*: FAS.
second issue: [1894], London (L. Reeve and Co.), p. [i]-ix, [1]-633. *Copy*: US.
Note: the dated first issue of vols. 1-3 was probably later than the undated second issue.
Vol. 4(1), 4(2), 5(1), 5(2), 5(3): 1973, Codicote, Herts. (Wheldon & Wesley Ltd.), Lehre (J. Cramer), facsimile reprint of original ed. *Copy*: FAS.
Vol. 5, sect. 2, suppl. and *6*: no reprint.
Vol. 7: 1958, Ashford, Kent (L. Reeve & Co., Ltd.), only difference with original : "Reprinted 1958" on p. [ii]. *Copy*: FAS.

Distribution: from vol. 4 onward 50 copies were sent to the Government of Cape Colony; 20 to that of Natal "as long as it contributed its grant", on lapsing transferred to the Transvaal government; 30 copies were distributed from Kew. The remainder of the issue was for sale. (Thiselton-Dyer 1925).

Ref.: Fournier, Bull. Soc. bot. France 10: 619-621. Jun 1864 (vols. 1-2, rev.).
Hiern, W. P., J. Bot. 18: 263-264. 1880.
Schlechtendal, D. F. L. von, Bot. Zeit. 18: 356-357. 1860 (extensive review).

volume	section	part	pagination	date	author(s)	taxon
1			[1]-7	10-31 Mai 1860	Harvey, W. H.	Ranunculaceae
			7-9		Sonder, O. W.	Anonaceae
			9-13		Harvey, W. H.	Menispermaceae
			13-14			Nymphaeaceae
			14-15			Papaveraceae
			15-19			Fumariaceae
			19-54		Sonder, O. W.	Cruciferae
			54-63			Capparideae
			63-65		Harvey, W. H.	Resedaceae
			65-72			Bixaceae
			72-75		Sonder, O. W.	Violarieae
			75-79			Droseraceae
			79-113		Harvey, W. H.	Polygaleae
			113-115			Frankeniaceae
			115-117			Elatinaceae
			117-118		Sonder, O. W.	Hypericineae
			119-120		Harvey, W. H.	Tamaricineae
			120-151		Sonder, O. W.	Caryophylleae
			151-157		Harvey, W. H.	Phytolacceae
			157-177			Malvaceae
			178-179			Sterculiaceae
			179-223			Byttneriaceae
			223-229			Tiliaceae
			229-230			Hippocrateaceae
			231-233		Sonder, O. W.	Malpighiaceae
			233-234			Erythroxyleae
			234-236			Olacineae
			236-242			Sapindaceae
			244-248			Meliaceae
			248-253		Harvey, W. H.	Ampelideae
			254-308		Harvey, W. H.	Geraniaceae
			308-311		Sonder, O. W.	Lineae
			311-312			Balsamineae
			312-351			Oxalideae
			351-366			Zygophylleae

1	366-369	10-31 Mai 1860	Sonder, O. W.	Meliantheae
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	445-447			Xanthoxyleae
	448-449			Ochnaceae
	450			Chailletiaceae
	451-472		Sonder, O. W.	Celastrineae
	472-474			Aquifoliaceae
	475-502			Rhamneae
	502-527			Terebintaceae
	527-528			Connaraceae
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2	[1]-268	15-31 Oct 1862	Harvey, W. H.	Leguminosae-Papilionaceae
	269-276			Leguminosae-Caesalpineae
	276-285			Leguminosae-Mimoseae
	285-305			Rosaceae
	305-309			Saxifragaceae
	309-324		Sonder, O. W.	Bruniaceae
	324-327			Hamamelideae
	327-380		Harvey, W. H.	Crassulaceae
	381-386		Sonder, O. W.	Portulaceae
	386-479			Mesembryaceae
	479-480		Harvey, W. H.	Cacteae
	480-482		Sonder, O. W.	Begoniaceae
	482-498			Cucurbitaceae
	498-502		Harvey, W. H.	Passifloreae
	502-503		Harvey, W. H.	Loasaceae
	503-507			Onagrarieae
	507-513		Sonder, O. W.	Combretaceae
	513-514			Rhizophoreae
	514-517			Lythrarieae
	517-519			Melastomaceae
	519-520			Olinieae
	520-523			Myrtaceae
	524-567			Umbelliferae
	568-570			Araliaceae

volume	section	part	pagination	date	author(s)	taxon
2			570	15-31 Oct 1862	Harvey, W. H.	Corneae
			571-572			Halorageae
			572-574			Balanophoreae
			574-582			Loranthaceae
			583-592			Add./Corrig. for vol. 1
			593-599			Add./Corrig. for vol. 2
			599			Turneraceae
			601-621		Anonymous	Index
3			[1]-39	24 Feb-30 Jun 1865	Sonder, O. W.	Rubiaceae
			39-40			Valerianeae
			41-44			Dipsaceae
			44-530		Harvey, W. H.	Compositae
			530-605		Sonder, O. W.	Campanulaceae
			607-609		Anonymous	Add./Corrig.
			611-633			Index
4	1	1	[1]-2	Mai 1905	Brown, N. E.	Vacciniaceae
			2-192		Bolus, H. and F. Guthrie	Ericaceae
		2	193-315	Aug 1905	Bolus, H. and F. Guthrie	Ericaceae
			315-336		Brown, N. E.	Ericaceae
		3	337-418	Oct 1906	Brown, N. E.	Ericaceae
			418-426		Wright, C. H.	Plumbagineae
			426-431	Oct 1906	Harvey, W. H. & C. H. Wright	Primulaceae
			431-436			Myrsinaceae
			436-444			Sapotaceae
			444-478		Hiern, W. P.	Ebenaceae
			478-480		Harvey, W. H. & C. H. Wright	Oleaceae
		4	481-488	Nov 1907		Oleaceae
			488-490		Wright, C. H.	Salvadoraceae
			490-518		Stapf, O.	Apocynaceae
			518-672		Brown, N. E.	Asclepiadeae
		5	673-864	Mar 1908	Brown, N. E.	Asclepiadeae
		6	865-1036	Feb 1909	Brown, N. E.	Asclepiadeae
			1036-1055		Prain, D. & H. A. Cummins	Loganiaceae
			1056-1121		Hill, A. W. & D. Prain	Gentianeae
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			[1135]-1168			Index
			1168			Corrigenda
	2	1	[1]-2	Feb 1904	Wright, C. H.	Hydrophyllaceae
			2-45			Boragineae
			45-87		Baker, J. G. & C. H. Wright	Convolvulaceae
			87-121		Wright, C. H.	Solanaceae
			121-192		Hiern, W. P.	Scrophulariaceae
		2	193-384	Jul 1904		Scrophulariaceae
		3	385-420	Oct 1904		Scrophulariaceae
			421-422		Hiern, W. P. & O. Stapf	Orobanchaceae
			423-437		Stapf, O.	Lentibulariae
			437-447		Clarke, C. B.	Gesneraceae
			447-454		Sprague, T. A.	Bignoniaceae
			454-463		Stapf, O.	Pedalineae
			[465]-479		Anonymous	Index
			[480]			Corrigenda
5	1	1	[1]-92	Jun 1901	Clarke, C. B.	Acanthaceae
			92-94		Rolfe, R. A.	Myoporineae
			95-180			Selagineae
			180-224		Pearson, H. H. W.	Verbenaceae
		2	225-226	Mai 1910		Verbenaceae
			226-387		Brown, N. E., T. Cooke & S. A. Skan	Labiatae
			387-392		Cooke, T.	Plantagineae
			392-398			Nyctagineae
			398-402			Illecebraceae
			402-433		Cooke, T. & C. H. Wright	Amarantaceae
			433-448		Wright, C. H.	Chenopodiaceae
		3	449-454	Jan 1912		Chenopodiaceae
			454-459		Hill, A. W.	Phytolaccaceae
			459-482		Wright, C. H.	Polygonaceae
			482-484		Hill, A. W.	Podostemaceae
			485-487			Cytinaceae
			487-492		Wright, C. H.	Piperaceae
			492-493			Monimiaceae
			493-502		Stapf, O.	Laurineae

volume	section	part	pagination	date	author(s)	taxon
5	1	3	502-640		Hutchinson, J., E. P. Phillips & O. Stapf	Proteaceae
		4	641-718	Jun 1912		Proteaceae
			[719]-723		Anonymous	Add./Corrig.
			[725]-747			Index
	2	1	[1]-81	Apr 1915	Wright, C. H.	Thymelaeaceae
			81-98		Stephens, E. L.	Penaeaceae
			98-100			Geissolomaceae
			100-135		Sprague, T. A.	Loranthaceae
			135-192		Hill, A. W.	Santalaceae
			193-212			Santalaceae
		2	212-215	Oct 1915	Wright, C. H.	Balanophoraceae
			216-384		Brown, N. E., J. Hutchinson & D. Prain	Euphorbiaceae
		3	385-516	Mai 1920		Euphorbiaceae
			516-521		Brown, N. E.	Ulmaceae
			522-528		Brown, N. E. & J. Hutchinson	Moraceae
		4	529-541	Jan 1925		Moraceae
			541-561		Brown, N. E.	Urticaceae
			561-572		Hutchinson, J.	Myricaceae
			573-574		Skan, S. A.	Betulaceae
			574-579			Salicineae
			580-581			Ceratophylleae
			[583]-586		Anonymous	Add./Corrig.
			[587]-606			Index
5	2 (Suppl.)		[1]2-3	28 Mar 1933	Pearson, H. H. W.	Welwitschiaceae
			3-14		Stapf, O.	Podocarpaceae
			14-24			Cupressaceae
			24-44		Hutchinson, J. & G. Rattray	Cycadaceae
			[45]-46		Anonymous	Index
	3	1	[1]-2	Oct 1912	Wright, C. H.	Hydrocharideae
			2-3			Burmanniaceae
			3-192		Rolfe, R. A.	Orchideae
		2	193-313	Mar 1913		Orchideae
			313-319		Wright, C. H.	Scitamineae

		[321]-323		Anonymous	Add./Corrig.
		[325]-332			Index
6	1	[1]-7	Apr 1896	Baker, J. G.	Haemodoraceae
		7-171			Irideae
		171-192			Amaryllideae
	2	193-246	Sep 1896		Amaryllideae
		246-253			Dioscoreaceae
		253-384	Sep 1896	Baker, J. G.	Liliaceae
	3	385-528	Jun 1897		Liliaceae
		[529]-536		Anonymous	Addenda
		[537]-563			Index
7	1	[1]-2	Dec 1897	Brown, N. E.	Pontederiaceae
		2-7			Xyrideae
		7-15		Clarke, C. B.	Commelinaceae
		15-16		Brown, N. E.	Flagellarieae
		16-28		Baker, J. G.	Juncaceae
		28-30		Wright, C. H.	Palmae
		30-32		Brown, N. E.	Typhaceae
		32-39			Aroideae
		39-41			Lemnaceae
		41-51		Bennett, A.	Naiadaceae
		51-59		Brown, N. E.	Eriocauleae
		59-149		Masters, M. T.	Restiaceae
		149-192		Clarke, C. B.	Cyperaceae
	2	193-310	Jul 1898		Cyperaceae
		310-384		Stapf, O.	Gramineae
	3	385-576	Aug 1899		Gramineae
	4	577-750	Mai 1900		Gramineae
		[751]-765		Anonymous	Addit./Corrig.
		[767]-791			Index
		[792]			Corrigenda

taxon	author(s)	volume	section	part	pagination	date
Acanthaceae	Clarke, C. B.	5	1	1	[1]2-92	Jun 1901
Amarantaceae	Cooke, T. & C. H. Wright	5	1	2	402-433	Mai 1910
Amaryllideae	Baker, J. G.	6		1	171-192	Apr 1896
Amaryllideae	Baker, J. G.	6		2	193-246	Sep 1896
Ampelideae	Harvey, W. H.	1			248-253	Mai-Jun 1860
Anonaceae	Sonder, O. W.	1			7-9	Mai-Jun 1860
Apocynaceae	Stapf, O.	4	1	4	490-518	Nov 1907
Aquifoliaceae	Sonder, O. W.	1			472-474	Mai-Jun 1860
Araliaceae	Sonder, O. W.	2			568-570	Oct-Dec 1862
Aroideae	Brown, N. E.	7		1	32-39	Dec 1897
Asclepiadeae	Brown, N. E.	4	1	4	518-672	Nov 1907
Asclepiadeae	Brown, N. E.	4	1	5	673-864	Mar 1908
Asclepiadeae	Brown, N. E.	4	1	6	865-1036	Feb 1909
Aurantiaceae	Harvey, W. H.	1			444	Mai-Jun 1860
Balanophoreae	Harvey, W. H.	2			572-574	Oct-Dec 1862
Balanophoraceae	Wright, C. H.	5	2	2	212-215	Oct 1915
Balsamineae	Sonder, O. W.	1			311-312	Mai-Jun 1860
Begoniaceae	Sonder, O. W.	2			480-481	Oct-Dec 1862
Betulaceae	Skan, S. A.	5	2	4	573-574	Jan 1925
Bignoniaceae	Sprague, T. A.	4	2	3	447-454	Oct 1904
Bixaceae	Harvey, W. H.	1			65-72	Mai-Jun 1860
Boragineae	Wright, C. H.	4	2	1	2-45	Feb 1904
Bruniaceae	Sonder, O. W.	2			309-324	Oct-Dec 1862
Burmanniaceae	Wright, C. H.	5	2	1	2-3	Oct 1912
Byttneriaceae	Harvey, W. H.	1			179-223	Mai-Jun 1860
Cacteae	Harvey, W. H.	2			479-480	Oct-Dec 1862
Campanulaceae	Sonder, O. W.	3			530-605	Feb-Jul 1865
Capparideae	Sonder, O. W.	1			54-63	Mai-Jun 1860
Caryophylleae	Sonder, O. W.	1			120-151	Mai-Jun 1860
Celastrineae	Sonder, O. W.	1			451-472	Mai-Jun 1860
Ceratophylleae	Skan, S. A.	5	2	4	580-581	Jan 1925
Chailletiaceae	Harvey, W. H.	1			450	Mai-Jun 1860
Chenopodiaceae	Wright, C. H.	5	1	2	433-448	Mai 1910
Chenopodiaceae	Wright, C. H.	5	1	3	449-454	Jan 1912
Combretaceae	Sonder, O. W.	2			507-513	Oct-Dec 1862

Commelinaceae	Clarke, C. B.	7		1	7-15	Dec 1897
Compositae	Harvey, W. H.	3			44-530	Feb-Jul 1865
Connaraceae	Sonder, O. W.	1			527-528	Mai-Jun 1860
Convolvulaceae	Baker, J. G. & C. H. Wright	4	2	1	45-87	Feb 1904
Corneae	Harvey, W. H.	2			570	Oct-Dec 1862
Crassulaceae	Harvey, W. H.	2			327-380	Oct-Dec 1862
Cruciferae	Sonder, O. W.	1			19-54	Mai-Jun 1860
Cucurbitaceae	Sonder, O. W.	2			482-498	Oct-Dec 1862
Cupressaceae	Stapf, O.	5	2 (Suppl.)		14-24	1933
Cycadaceae	Hutchinson, J. & G. Rattray	5	2 (Suppl.)		24-44	1933
Cyperaceae	Clarke, C. B.	7			149-192	Dec 1897
Cyperaceae	Clarke, C. B.	7	2		193-310	Jul 1898
Cytinaceae	Hill, A. W.	5	1	3	485-487	Jan 1912
Dioscoreaceae	Baker, J. G.	6		2	246-253	Sep 1896
Dipsaceae	Sonder, O. W.	3			41-44	Feb-Jul 1865
Droseraceae	Sonder, O. W.	1			75-79	Mai-Jun 1860
Ebenaceae	Hiern, W. P.	4	1	3	444-478	Oct 1906
Elatinaceae	Harvey, W. H.	1			115-117	Mai-Jun 1860
Ericaceae	Bolus, H. & F. Guthrie	4	1	1	2-192	Mai 1905
Ericaceae	Bolus, H. & F. Guthrie	4	1	2	193-315	Aug 1905
Ericaceae	Brown, N. E.	4	1	2	315-336	Aug 1905
Ericaceae	Brown, N. E.	4	1	3	337-418	Oct 1906
Eriocauleae	Brown, N. E.	7		1	51-59	Dec 1897
Erythroxyleae	Sonder, O. W.	1			233-234	Mai-Jun 1860
Euphorbiaceae	Brown, N. E., J. Hutchinson & D. Prain	5	2	2	216-384	Oct 1915
Euphorbiaceae	Brown, N. E., J. Hutchinson & D. Prain	5	2	3	385-516	Mai 1920
Flagellarieae	Brown, N. E.	7		1	15-16	Dec 1897
Frankeniaceae	Harvey, W. H.	1			113-115	Mai-Jun 1860
Fumariaceae	Harvey, W. H.	1			15-19	Mai-Jun 1860
Geissolomaceae	Stephens, E. L.	5	2	1	98-100	Apr 1915
Gentianeae	Hill, A. W. & D. Prain	4	1	6	1056-1121	Feb 1909
Geraniaceae	Harvey, W. H.	1			254-308	Mai-Jun 1860
Gesneraceae	Clarke, C. B.	4	2	3	437-447	Oct 1904
Gramineae	Stapf, O.	7		2	310-384	Jul 1898
Gramineae	Stapf, O.	7		3	385-576	Aug 1899

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Gramineae	Stapf, O.	7		4	577-750	Mai 1900
Haemodoraceae	Baker, J. G.	6		1	[1]2-7	Apr 1896
Halorageae	Harvey, W. H.	2			571-572	Oct-Dec 1862
Hamamelideae	Sonder, O. W.	2			324-327	Oct-Dec 1862
Hippocrateaceae	Harvey, W. H.	1			229-230	1861
Hydrocharideae	Wright, C. H.	5	3	1	[1]-2	Oct 1912
Hydrophyllaceae	Wright, C. H.	4	2	1	[1]-2	Feb 1904
Hypericineae	Sonder, O. W.	1			117-118	1859-1860
Illecebraceae	Cooke, T.	5	1	2	398-402	Mai 1910
Irideae	Baker, J. G.	6		1	7-171	Apr 1896
Juncaceae	Baker, J. G.	7		1	16-28	Dec 1897
Labiatae	Brown, N. E., T. Cooke & S. A. Skan	5	1	2	226-387	Mai 1910
Laurineae	Stapf, O.	5	1	3	493-502	Jan 1912
Legum.-Papilionaceae	Harvey, W. H.	2			[1]2-268	Oct-Dec 1862
Legum.-Caesalpineae	Harvey, W. H.	2			269-276	Oct-Dec 1862
Legum.-Mimoseae	Harvey, W. H.	2			276-285	Oct-Dec 1862
Lemnaceae	Brown, N. E.	7		1	39-41	Dec 1897
Lentibularieae	Stapf, O.	4	2	3	423-437	Oct 1904
Liliaceae	Baker, J. G.	6		2	253-384	Sep 1896
Liliaceae	Baker, J. G.	6		3	385-528	Jun 1897
Lineae	Sonder, O. W.	1			308-311	Mai-Jun 1860
Loasaceae	Harvey, W. H.	2			502-503	Oct-Dec 1862
Loganiaceae	Prain, D. & H. A. Cummins	4	1	6	1036-1055	Feb 1909
Loranthaceae	Harvey, W. H.	2			574-582	Oct-Dec 1862
Loranthaceae	Sprague, T. A.	5	2	1	100-135	Apr 1915
Lythrarieae	Sonder, O. W.	2			514-517	Oct-Dec 1862
Malpighiaceae	Sonder, O. W.	1			231-233	Mai-Jun 1860
Malvaceae	Harvey, W. H.	1			157-177	Mai-Jun 1860
Melastomaceae	Sonder, O. W.	2			517-519	Oct-Dec 1862
Meliaceae	Sonder, O. W.	1			244-248	Mai-Jun 1860
Meliantheae	Sonder, O. W.	1			366-369	Mai-Jun 1860
Menispermaceae	Harvey, W. H.	1			9-13	Mai-Jun 1860
Mesembryaceae	Sonder, O. W.	2			386-479	Oct-Dec 1862
Monimiaceae	Wright, C. H.	5	1	3	492-493	Jan 1912

Moraceae	Brown, N. E. & J. Hutchinson	5	2	3	522-528	Mai 1920
Moraceae	Brown, N. E. & J. Hutchinson	5	2	4	529-541	Jan 1925
Myoporineae	Rolfe, R. A.	5	1	1	92-94	Jun 1901
Myricaceae	Hutchinson, J.	5	2	4	561-572	Jan 1925
Myrsineae	Harvey, W. H. & C. H. Wright	4	1	3	431-436	Oct 1906
Myrtaceae	Sonder, O. W.	2			520-523	Oct-Dec 1862
Naiadaceae	Bennett, A.	7		1	41-51	Dec 1897
Nyctagineae	Cooke, T.	5	1	2	392-398	Mai 1910
Nymphaeaceae	Harvey, W. H.	1			13-14	Mai-Jun 1860
Ochnaceae	Harvey, W. H.	1			448-449	Mai-Jun 1860
Olacineae	Sonder, O. W.	1			234-236	Mai-Jun 1860
Oleaceae	Harvey, W. H. & C. H. Wright	4	1	3	478-480	Oct 1906
Oleaceae	Harvey, W. H. & C. H. Wright	4	1	4	481-488	Nov. 1907
Olinieae	Sonder, O. W.	2			519-520	Oct-Dec 1862
Onagrarieae	Harvey, W. H.	2			503-507	Oct-Dec 1862
Orchideae	Rolfe, R. A.	5	3	1	3-192	Oct 1912
Orchideae	Rolfe, R. A.	5	3	2	193-313	Mar 1913
Orobanchaceae	Hiern, W. P. & O. Stapf	4	2	3	421-422	Oct 1904
Oxalideae	Sonder, O. W.	1			312-351	Mai-Jun 1860
Palmae	Wright, C. H.	7		1	28-30	Dec 1897
Papaveraceae	Harvey, W. H.	1			14-15	Mai-Jun 1860
Passifloraeae	Harvey, W. H.	2			498-502	Oct-Dec 1862
Pedalineae	Stapf, O.	4	2	3	454-463	Oct 1904
Penaeaceae	Stephens, E. L.	5	2	1	81-98	Apr 1915
Phytolacaceae	Harvey, W. H.	1			151-157	Mai-Jun 1860
Phytolaccaceae	Hill, A. W.	5	1	3	454-459	Jan 1912
Piperaceae	Wright, C. H.	5	1	3	487-492	Jan 1912
Pittosporeae	Sonder, O. W.	1			443	Mai-Jun 1860
Plantagineae	Cooke, T.	5	1	2	387-392	Mai 1910
Plumbagineae	Wright, C. H.	4	1	3	418-426	Oct 1906
Podocarpaceae	Stapf, O.	5	2 (Suppl.)		3-14	1933
Pontederiaeae	Brown, N. E.	7		1	[1]-2	Dec 1897
Podostemaceae	Hill, A. W.	5	1	3	482-484	Jan 1912
Polygaleae	Harvey, W. H.	1			79-113	Mai-Jun 1860
Polygonaceae	Wright, C. H.	5	1	3	459-482	Jan 1912
Portulaceae	Sonder, O. W.	2			381-386	1861-1862
Primulaceae	Harvey, W. H. & C. H. Wright	4	1	3	426-431	Oct 1906

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Proteaceae	Hutchinson, J., E. P. Phillips & O. Stapf	5	1	3	502-640	Jan 1912
Proteaceae	Hutchinson, J., E. P. Phillips & O. Stapf	5	1	4	641-718	Jun 1912
Ranunculaceae	Harvey, W. H.	1			[1]2-7	Mai-Jun 1860
Resedaceae	Harvey, W. H.	1			63-65	Mai-Jun 1860
Restiaceae	Masters, M. T.	7		1	59-149	Dec 1897
Rhamneae	Sonder, O. W.	1			475-502	Mai-Jun 1860
Rhizophoreae	Sonder, O. W.	2			513-514	Oct-Dec 1862
Rosaceae	Harvey, W. H.	2			285-305	Oct-Dec 1862
Rubiaceae	Sonder, O. W.	3			[1]2-39	Feb-Jul 1865
Rutaceae	Sonder, O. W.	1			369-442	Mai-Jun 1860
Salicineae	Skan, S. A.	5	2	4	574-579	Jan 1925
Salvadoraceae	Wright, C. H.	4	1	4	488-490	Nov 1907
Santalaceae	Hill, A. W.	5	2	1	135-192	Apr 1915
Santalaceae	Hill, A. W.	5	2	2	193-212	Oct 1915
Sapindaceae	Sonder, O. W.	1			236-242	Mai-Jun 1860
Sapotaceae	Harvey, W. H. & C. H. Wright	4	1	3	436-444	Oct 1906
Saxifragaceae	Harvey, W. H.	2			305-309	Oct-Dec 1862
Scitamineae	Wright, C. H.	5	3	2	313-319	Mar 1913
Scrophulariaceae	Hiern, W. P.	4	2	1	121-192	Feb 1904
Scrophulariaceae	Hiern, W. P.	4	2	2	193-384	Jul 1904
Scrophulariaceae	Hiern, W. P.	4	2	3	385-420	Oct 1904
Selagineae	Rolfe, R. A.	5	1	1	95-180	Jun 1901
Solanaceae	Wright, C. H.	4	2	1	87-121	Feb 1904
Sterculiaceae	Harvey, W. H.	1			178-179	Mai-Jun 1860
Tamaricineae	Harvey, W. H.	1			119-120	Mai-Jun 1860
Terebintaceae	Sonder, O. W.	1			502-527	Mai-Jun 1860
Thymelaeaceae	Wright, C. H.	5	2	1	[1]2-81	Apr 1915
Tiliaceae	Harvey, W. H.	1			223-229	Mai-Jun 1860
Turneraceae	Harvey, W. H.	2			599	Oct-Dec 1862
Typhaceae	Brown, N. E.	7		1	30-32	Dec 1897
Ulmaceae	Brown, N. E.	5	2	3	516-521	Mai 1920
Umbelliferae	Sonder, O. W.	2			524-567	Oct-Dec 1862
Urticaceae	Brown, N. E.	5	2	4	541-561	Jan 1925

Vacciniaceae	Brown, N. E.	4	1	1	[1]2	Mai 1905
Valerianeae	Sonder, O. W.	3			39-40	1864-65
Verbenaceae	Pearson, H. H. W.	5	1	1	180-224	Jun 1901
Verbenaceae	Pearson, H. H. W.	5	1	2	225-226	Mai 1910
Violarieae	Sonder, O. W.	1			72-75	Mai-Jun 1860
Welwitschiaceae	Pearson, H. H. W.	5	2 (Suppl.)		[1]2-3	1933
Xanthoxyleae	Harvey, W. H.	1			445-447	Mai-Jun 1860
Xyrideae	Brown, N. E.	7		1	2-7	Dec 1897
Zygophylleae	Sonder, O. W.	1			351-366	Mai-Jun 1860

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Harvey-Gibson, Robert John (1860-1929), Scottish marine algologist; at Edinburgh 1882-1883; at Liverpool 1883-1921 (professor of botany 1894-1921; organizer of the Hartley Botanical Laboratory). (*Harv.-Gib.*).

HERBARIUM and TYPES: Unknown; if any at LIV.

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Harz, Carl [Karl] Otto (1842-1906), German pharmacist, seminologist and mycologist; at München with Nägeli (1871); lecturer (1873) and professor (1880) of botany and zoology at the Vetinary College and the Technical University of München. (*C. Harz*).

HERBARIUM and TYPES: M; other material at GB, L, MANCH, SI.

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Harz, Kurt (*fl.* 1914), German botanist, high school teacher at Bamberg and München. (*K. Harz*).

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Harzer, Carl August Friedrich (1784-1846), German naturalist and artist at Dresden; initiator and co-founder of the Dresden society "Isis". (*Harzer*).

HERBARIUM and TYPES: All Harzer's collections and further possessions were destroyed by fire in 1845. Seven autographs still at LZ (University Library).

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(5) H. B. Geinitz, *Charakteristik der Schichten und Petrefacten des Sächs.- böhm.- Kreidegebirges* 1839-1842 (*pl. 1-24*) (TL-2/1984).

2454. *Naturgetreue Abbildungen der vorzüglichsten essbaren, giftigen und verdächtigen Pilze*, mit besonderer Rücksicht auf die verschiedenen Altersstufen von der ersten Entwickelung bis zum ausgebildeten Wachsthume. Nach eigenen Beobachtungen gezeichnet und beschrieben von Carl Aug. Friedr. Harzer, . . . Bevorwortet von Dr. Ludwig Reichenbach . . . Dresden (Eduard Pietzsch und Co.) 1842. Qu. (*Naturgetr. Abbild. Pilze*).

First issue (imprint as above): In 16 parts, with 5 pl. each, between Jan 1842 and Feb 1845, p. [i]-iv, [1]-136, [1-2, index], [v]-x, *pl. 1-80* (hand-col. liths., by author) and *1* unnumbered plain "Erläuterungstafel." *Copies*: G, Stevenson.
Second issue imprint: Dresden (Verlag von Adler & Dietze, sonst Eduard Pietzsch & Comp.) 1842-45. Qu. *Publ.*: idem, p. [i-iv], [1-2, index], [v]-x, [1]-136, *pl. 1-80* (id.). *Copy*: NY.

Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 3: 683-684. 1845.
Rautenberg, Beitr. Entomologie 6: 189. 1956.

Hassall, Arthur Hill (1817-1894), British public analyst, sanitary specialist, and phycologist; from 1877 at San Remo. (*Hassall*).

HERBARIUM and TYPES: BM; dupl. K, W. – Letters at BM (Berkeley corr.) and K.

BIBLIOGRAPHY and BIOGRAPHY: BB p. 142; CSP 3: 208, 7: 918, 15: 678; Desmond p. 293; De Toni 1: lxi, 2: lxiii; GR cat. p. 64 ("Hassall"); IH 2: 259; Jackson p. 242; Nordstedt p. 17.
Anon., Bot. Not. 1895: 37; Nature 49: 581. 1894; Trans. Penzance nat. Hist. Soc. 1890/91: 231-232. (*n.v.*, fide Desmond); The Analyst 1894(May): 97-98; J. Bot. 32: 190-191. 1894.
Cupp, E. E., Mar. plankton diatoms W. Coast Amer. 215. 1943.
Hassall, A. H., The narrative of a busy life. An autobiography. London 1893, p. vi, iii, 166, i, 82.
Koster, J. T., Taxon 18: 553. 1969.

EPONYMY: *Hassallia* Trevisan (1848); *Hassallia* Berkeley ex Bornet & Flahault (1887).

2455. *A history of the British freshwater algae*, including descriptions of the Desmideae and Diatomaceae. With upwards of one hundred plates, illustrating the various species ... London (S. Highley; H. Baillière), Edinburgh (Sutherland & Knox), Paris (J. B. Baillière), Leipzig (T. O. Weigel). 1845. 2 vols. Oct. (*Hist. Brit. freshwater alg.*).

1: Jul-Dec 1845 (p. vi: Jul 1845), p. [i]-viii, [1]-462, [1, err.].
2: Jul-Dec 1845, p. [1]-24, *pl. 1-103* (55 as 'lvi'), monochrome liths. drawn by Hassall (Nordstedt (1896) notes that Hassall copied, imprecisely, several figures of desmids from Ralfs and Ehrenberg.).

Copies: G, MO, NY, Teyler, US.
Reissue: 1852, London (Taylor, Walton, and Maberly, ...), 2 vols. Oct. *Copies*: MICH (vol. 2), NY, UC. – *1*: [i]-viii, [1]-462, [1, err.]; *2*: [1]-24, *pl. 1-103* (id.).
Reissue: 1857, London (Longman, Brown, Green, Longmans, and Roberts), 2 vols. Oct. *Copy*: UC. – *1*: [i*, h.t.], [i]-viii, [1]-462, [1, err.]; *2*: [1]-24, *pl. 1-103* (id.).
Ref.: Anon., Bot. Zeit. 2: 424-425. 1844, 5: 111-115. 1847.

Hasse, Hermann Edward (1836-1915), German-born physician and botanist who studied at St. Louis and settled again in the United States in 1861; Dr. med. Würzburg 1861; serving as a surgeon during the Civil War; practicing medicine in Wisconsin, Arkansas and, ultimately (from 1879) in California, surgeon to the Soldier's Home near Santa Monica 1889-1905. (*Hasse*).

HERBARIUM and TYPES: FH; 4500 lichens at NY; duplicates in many herbaria, see IH. *Lichenes exsiccati ex herb. Dr. H. E. Hasse relicti*, distributed for the Sullivant Moss Society by C. C. Plitt. Fasc. 1-10, nos. 1-250, Baltimore, Md., 1916-1918 (Charles Christian Plitt, 1869-1933); sets at BPI, CM, LIV, NY, O, OC, S, US, WELC. Hasse also collected flowering plants: a set of his early collections (Arkansas, Minnesota, Missouri, Wisconsin) is at NY.
Ref.: Plitt, Bryologist 19(3): 48-49. 1916, 19(6): 96. 1916.
Sayre, G., Mem. New York Bot. Gard. 19: 131. 1969.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 137; CSP 15: 679; GR p. 17-18, *pl.* [*14*], cat. p. 64 ("Hasse"); Hawksworth p. 183; IH 2: 260; Kew 2: 601; Lenley p. 216; LS 11506-11513, 34251-34254, suppl. 10903-10912; NW p. 48; Pennell p. 609; SBC p. 122 ("Hasse"); Stevenson p. 1244 ("Hasse").
Collins, Bull. S. Calif. Acad. Sci. 15(1): 8-9. 1916.
Crum, H. A., The Bryologist, index to volumes 1-60, p. 93. 1959 (bibl.).
Ewan, J. et al., Short hist. bot. U.S. 93, 95. 1969.
Fink, Mycologia 8(5): 243-248. 1916 (portr., bibl.).
Jennings [O.E.J.], Bryologist 20(4): 66. 1917.
Plitt, Bryologist 19(2): 30-33. 1916 (portr., bibl.).

Rickett, H. W., Index Bull. Torrey bot. Club 45. 1955.

EPONYMY: *Hassea* A. Zahlbruckner (1902); *Hasseanthus* J. N. Rose (1903).

2456. *Lichens of Southern California* by H. E. Hasse. Second edition. Los Angeles (B.R. Baumgardt & Co.) 1898. (*Lich. S. Calif.*).
Publ.: Dec 1898 (pref. Mai 1898; TBC 16 Jan 1899; Bot. Gaz. 18 Mar 1899; Nat. Nov. Apr(1) 1899), p. [1]-18, [1, err.]. *Copies*: G, MICH, MO, NY(2), USDA. – The indication "second edition" might refer to the treatment of the lichens in McClatchie, *Seedless plants of California* (1897). A note by E. S. Steele in the USDA copy states that "Dr. Hasse" in a letter states that "second edition" in this work is a printers blunder, there was no "first edition." The list was preceded by a series of papers (*Lichens of the vicinity of Los Angeles*) in the journal *Erythea*:

1: in Erythea 3: 41-44. 1895 (several named by Stizenberger).
2: in 4: 96-98. 1896 (id.).
3: in 4: 106-108. 1896 (id.).
4: in 4: 150-151. 1896 (mostly named by W. G. Farlow).

See also Hasse, Bull. Torrey bot. Club 24: 445-449. 1897, 25: 632-633. Dec 1898 (id. determined by Nylander) and Hasse, Bull. S. California Acad. Sci. 2: 23-26, 32-35, 54-55, 58-60, 71-73. 1903 as well as 4: 123-125. 1906, 5: 38-45. 1906 for further additions.

2457. Smithsonian Institution, United States National Museum. Contributions from the United States National Herbarium volume 17, part 1. *The lichen flora of Southern California* . . . Washington (Government printing office). 1913. Oct. (*Lich. fl. S. Calif.*).
Publ.: 9 Jun 1913 (p. ii), p. [1]-v, [1]-132, [vii]-xii. *Copies*: BR, MO, NY, Stevenson, US.
Precursor papers and additions: 11 papers in the Bryologist 11: 6-7, 55-57 1908; 12: 101-104. 1909; 13: 60-62, 111-112. 1910; 14: 2-4, 100-102. 1911; 15: 45-48. 1912; 16: 1-2. 1913; 17: 61-63, 92. 1914; 18: 22-23, 76-78, 92-94. 1915.

Hasselquist, Fredric (1722-1752), Swedish explorer of the Levant, pupil of Linnaeus at Uppsala 1741-1749, travelled in the Orient 1749-1752, died at Smyrna. (*Hasselq.*).

HERBARIUM and TYPES: UPS. – Dupl. LINN, S[?], SBT. – Hasselquist's collections were confiscated at his death by his creditors but bought by Queen Louisa Ulrika, who kept them at Drottningholm, but put deplicates at the disposal of Linnaeus. These duplicates (often Linnaean types) are in the Linnaean herbarium (LINN), and the main collection is now at UPS, given to the University in 1803. They form the basis of Thunberg's *Museum naturalium Academiae Upsaliensis* part 25, Uppsala 1804. Thunberg supplied the annotations on the herbarium sheets: originally there were none. Juel gives a summary of Linnaean species based on Hasselquist specimens. A few Hasselquist specimens are also in Bergius herbarium (SBT) but certainly not the original collection as erroneously stated in IH.
Ref.: Juel, H. O., Sv. Linné-Sällsk. Årsskr. 1: 95-125. 1918, see also J. Bot. 56: 357. 1918.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 137; BM 2: 797-798, 6: 440; Dryander 1: 124, 2: 30, 90, 123, 539, 3: 336, 447; IH 2: 260; Kew 2: 601; Jackson p. 394; KR p. 272-273; Lasègue p. 344, 570; PR 3841 (ed. 1: 4207); Rehder 5: 372; SO 302, 1279, 1461-1468, 3577-3586; TL-2/see Bergius; Tucker 1: 325; Zander ed. 10, p. 667.
Baeck, A., Aminnelsetal öfver Fredric Hasselquist. Stockholm 1758 (*n.v.*).
Bodenheimer and Uggla, Sv. Linné-Sällsk. Arsskr. 35: 18-30. 1952 (on H's "Album itineris" with autographs of well-wishers).
Eriksson, G., Bot. hist. Sverige 247, 262, 288. 1969.
Fries, Th. M., Bref och Skrifv. Linné 1(1): 58, 141. 1907; 1(2): 370 [index]. 1908; 1(3): 25, 234. 1909; 1(4): 361 [index]. 1910; 1(5): 6, 18, 20, 40, 165. 1911; 1(6): 206, 215. 1912; 1(7): 1-68. 1917 (corr. Linnaeus).
Hasselquist, Hamburg. Magaz. 7(2): 160-208. 1751 (letters H. to Linnaeus; see also Iter palaest. p. 569-593).
Hulth, J. M., Bref Skrifv. Linné 1(8): 84, 86, 1922; 2(1): 2, 3, 6, 277, 288. 1916; 2(2): 92. 1943.

Jourdan [A.L.-J.J.], Dict. Sci. méd. 5: 98-100. 1822.
Scheutz, N. J. W., Bot. Not. 1863: 69.
Schildt, Resenärer i Floras rike. Reseber. Linnés lärjungar. Stockholm p. 73-98. 1960.
Schildt, Pehr Kalm, Fredrich Hasselquist . . . Stockholm 1960.
Stafleu, F. A., Linnaeus and the Linnaeans 144, 149. 1971.
Uggla, Sv. Linné-Sälsk. Årsskr. 35: 5-17. 1952 (memorial address).

EPONYMY: *Hasselquistia* Linnaeus (1755).

2458. B.c.D. *Vires plantarum*, dissertatione academica, cum cons. ampliss. facult. medicae in regiae academia upsaliensi sub praesidio viri experientissimi et celeberrimi, Dr. Doct. Caroli Linnaei, . . . examini publico subjectae a Friderico Hasselquist, O-Gotho, stipendiar. regio. in auditor. gustaviano, die [xx] junii anni mdccxlvii horis ante meridiem solitis. Upsaliae [1747]. Qu. (*Vires pl.*).
Publ.: 20 Jun 1747, p. [1]-37, [38-40]. *Copies*: MICH, NY. – For later publications see SO 1461-1468. This is one of the Linnaean dissertations of which Krok (KR) assumes that the defendent (here Hasselquist) had a major share in the drafting of the text.
Reprint(1): *in* Linnaeus, Amoen. Acad. 1: 389-428. 1749.

2459. Fredric Hasselquists . . . *Iter palaestinum* eller resa til heliga landet, förrätad ifrån år 1749 til 1752, med beskrifningar, rön, anmärkningar,,öfver de märkvärdigstaste naturalier, . . . utgiven av Carl Linnaeus. Stockholm (Trykt på Lars Salvii kåstnad) 1757. Oct. (*Iter palaest.*).
Publ.: 23 Mai 1757 (Lärda Tidningar 1757 (40): 157) p. [i-xvi], [1]-619, [620 cont.]. *Copies*: HU, MICH, MO, NY, USDA; IDC 2586. For full bibliographical details of original publication and further editions and translations see SO 3577-3586. – Botanical information (in 1757 ed.) on p. 451-506, 511, 512, 513-515, 516-517, 518.
German: Jul 1762 (NZgS; p. 606: printed 1761), p. [i-xviii], [1]-606. *Copies*: G, MO, NY. – "D. Friedrich Hasselquists . . . *Reise nach Palästina* in den Jahren von 1749 bis 1752. Auf Befehl Ihrer Majestät der Königinn von Schweden herausgegeben von Carl Linnäus. Aus dem Schwedischen." Rostock (verlegts Johann Christian Koppe) 1762. Oct. – German translation of itinerary on p. 1-180, followed by letters by H. to Linnaeus and by the materia medica of the area. (*Reise Palästina*).
English: Jan 1766 (Gent. Mag.), p. [i*-ii*], map, [iii*-viii*], [i]-viii, [1]-456. *Copies*: G, NY. – "*Voyages and Travels in the Levant*; in the years 1749, 50, 51, 52. Containing observations in natural history, physick, agriculture, and commerce: particularly on the Holy Land, and the natural history of the Scriptures. Written originally in the Swedish language, by the late Frederick Hasselquist, M. D. Fellow of the Royal Societies of Upsal and Stockholm. Published, by order of her present Majesty the Queen of Sweden, by Charles Linnaeus, . . ." London (printed for L. Davis and C. Reymers, . . .) 1766. Oct. (*Voy. Trav. Levant*).
French: 1769 (p. 203, priv. 21 Nov 1768), p. [i-iii], [1]-201, [202-203], *Copy*: G. – "*Voyages dans le Levant*, dans les années 1749, 50, 51 & 52. Contenant des observations sur l'histoire naturelle, la médecine, l'agriculture & le commerce, & particulierement sur l'histoire naturelle de la Terre Sainte. Par Fréderic Hasselquist . . . publiés par ordre du Roi de Suède, par Charles Linnaeus . . . traduit de l'Allemand par M.***". Paris (Chez Delalain) 1769. – N.B. this is a translation based on the German translation. (*Voy. Levant*).
Dutch: *Vol. 1*: 1771, p. [i]-lx, [1]-315 (err. "115"). *Vol. 2*: 1771, p. [i], [iii], [1]-426, *pl. 1-5*. *Copy*: U. – Dr. Fred. Hasselquist's *Reize naar Palestina*, of het H. Land; op hoog bevel van de Koninginne van Zweeden Louisa Ulrika. In 't licht gegeven, door den beroemden Hoogleeraar Carolus Linnaeus. in twee deelen met fraaije koperen plaaten versierd. Amsterdam (Jacobus Loveringh) 1771. Oct. 2 vols. (*Reize Palestina*).

Hasselt, Arend Ludolf van (1848-1909), Dutch soldier and later civil administrator on Java and Sumatra, leader of the Central Sumatra Expedition of 1877-1879. (*A. Hasselt*).

HERBARIUM and TYPES: L.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 255; Barnhart 2: 137; BL 1: 129, 300; BM 2: 798; CSP 15: 680; IH 2: 260; Kew 2: 601; NI 175-178, 227; NNBW 1: 1033; Rehder 5: 372; SK 1: 218-219 (many details); Tucker 1: 325.

Anon., Indische Gids 1927, portr. facing p. 990.
Beekman et al (ed.), Tijdschr. K. Ned. aardr. Genootsch. ser. 2. 26: 893-895. 1909, 27: 389. 1910.
Embacher, F., Lexik. Reisen 141. 1882.
Gresshoff, M., Album der Natuur 1903: 1-88.
Sirks, M. J., Ind. natuurond. 167-168. 1915.

2460. *Bijdragen tot de kennis der flora van Midden Sumatra.* Leiden (E. J. Brill) 1884. [other t.p.:] Midden-Sumatra. Reizen en onderzoekingen der Sumatra-Expeditie, uitgerust door het Aardrijkskundig Genootschap, 1877-1879, beschreven door de leden der Expeditie onder toezicht van Prof. P. J. Veth. Vierde deel. Natuurlijke historie. Tweede gedeelte. Flora. Leiden (E. J. Brill) 1884. Qu. (*Bijdr. Fl. Midd. Sumatra*).
Publ.: Nov-Dec 1884 (p. v: 30 Sep 1884, Nat. Nov. Jan 1885), p. [ii-vi], Afd. [A]: [1]-50, *pl.* [*1-7*], Afd. 13 B, Botanie, lijst: [1]-42, Afd. 13 C, [1]-3, register: [1]-5. *Copy*: U. – Botanical contributions by P. J. Veth, J. G. Boerlage, W. F. R. Suringar, C. M. van der Sande Lacoste, H. F. Jonkman, A. L. van Hasselt, D. de Loos. For a description of the expedition see volumes 1 and 2 of "*Midden-Sumatra* . . . Eerste gedeelte, beschreven door A. L. van Hasselt en Joh. F. Snelleman." Leiden (ib.) 1881 and "Tweede gedeelte" l.c. 1882.

Hasselt, Johan Coenraad van (1797-1823), Dutch surgeon and biologist, member of the "Natuurkundige Commissie" for the Dutch East Indies together with Kuhl. (*J. Hasselt*).

HERBARIUM and TYPES: L; some duplicates in K and U.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 255; Barnhart 2: 137; BM 2: 798; CSP 3: 209-210; IH 2: 260; JW 1: 443, 2: 191, 3: 353, 5: 241 (many details); Rehder 5: 372; SK 1: 219-221, 604, 8: xlii (many details); TL-2/728, see index.
Anon., Alg. Konst. Letterbode 1825(1): 198-202, 212-218, 230-233; 1829(1): 369-370.
Sirks, M. J., Ind. natuurond. 99-106, 298 [index]. 1915.

COMPOSITE WORKS: See Breda, *Gen. Sp. Orchid. Asclep.* 1827, TL 2/728.

EPONYMY: *Hasseltia* Humboldt, Bonpland & Kunth (1825); *Hasseltia* Blume (1827); *Hasseltiopsis* Sleumer (1938); *Kuhlhasseltia* J. J. Smith (1910, also dedicated to Heinrich Kuhl (1796-1821), q.v.).

Hasskarl, Justus Karl (1811-1894), German botanist; studied in Bonn; in Java 1837-1843 and 1846 at the Bogor garden; from 1852-1856 involved in introducing *Cinchona* into the Netherlands East Indies; Dr. phil. h.c. Greifswald 1858; from 1856 as private scientist at Cleve, Germany. (*Hassk.*).

HERBARIUM and TYPES: L (donated by H. in 1892); other material at B, BO, H, K and NY.

BIBLIOGRAPHY and BIBLIOGRAPHY: Backer p. 255-256; Barnhart 2: 137; BM 2: 798; BL 1: 112, 300; Bossert p. 167; CSP 3: 211-213, 6: 682, 7: 919, 10: 156, 15: 681; Frank 3(Anh.): 42; Hortus 3: 1194 ("Hassk."); IF p. 701-702; IH 2: 260; Kew 2: 601-602; Jackson p. 556 [index]; JW 1: 443, 2: 191-192, 3: 353, 4; 388, 5: 241; Langman p. 352; Moebius p. 421; MW p. 161, suppl. p. 90; Plesch p. 251; PR 3842-3850 (ed. 1: 4208-4210); Rehder 5: 372-373; RS p. 86; SBC p. 122 ("Hassk."); SK 1: xxv, 221 (ext. det.), 4: clxxv; Sotheby p. 324; Tucker 1: 325; Zander ed. 10, p. 667-668.
Anon., Ber. Ver. Naturk. Kassel 39: 8-10. 1894; Leopoldina 30(19-20): 55. 1894; Nature 49: 296. 1894; Flora 28: 341. 1845, 40: 194-202. 1857; Het Nieuws van den Dag no. 4244, 19 Dec 1884 (German transl. DS-Engler coll.); Bot. Zeit. 52(2): 28. 1894; Bot. Gaz. 19: 127. 1894 (from Münch. allg. Zeit.), Bot. Not. 1888: 207, 1895: 38.
Boerlage, J. G., Teysmannia 3/4: 129-148. 1894; Ned. Kruidk. Arch. ser. 2. 6: 384-385. 1894.
Embacher, F., Lexik. Reisen 141. 1882.
Gorkom, De Indische Mercuur 17(2): 13-14. 1894 (portr.).
Gresshoff, M., De Indische Gids 16(1): 290-299. 1894 (portr.).
Stafleu, F.A., Wentia 16: 40. 1966; Regn. Veget. 71: 314, 338. 1970.
Sirks, M. J., Ind. natuurond. 298 [index]. 1915.

Weberbauer, A., Pflanzenw. peruan. Anden 14. 1911 (Veg. Erde 12).
Wit, H. C. D. de, *in* Steenis, C, G. G. J., v., Fl. males. ser. 1. 4(2): xcvii. 1949 (portr.).
Wittrock, V. B., Acta Horti Berg. 3(3): 173, *pl. 132*. 1905 (portr.).

COMPOSITE WORKS: (1) In Miquel, *Plantae junghuhnianae*, p. 123-155, Polygalaceae – Commelinaceae; see Hasskarl's "Verslag" in Nat. Tijdschr. Ned. Ind. 8: 461-551. 1855.

HANDWRITING: Fl. males ser. 1. 1: cl. 1950.

EPONYMY: *Hasskarlia* C. F. Meisner (1843); *Hasskarlia* Walpers (1849); *Hasskarlia* Baillon (1860); *Hasskarlinda* O. Kuntze (1891).

2461. Caroli Hasscarl *plantarum rariorum vel minus cognitarum horti bogoriensis decades*. [Leiden, S. en J. Luchtmans, 1842]. Oct.
Publ.: Aug-Sep 1842, p. [1]-66. *Copy*: KNAW. – Reprinted from Tijdschrift voor natuurlijke Geschiedenis en Physiologie 9: [115]-180. 1842. – A *Decas prima* was published in the same journal 5: 255-271. Dec 1838; see also Ann. Sci. nat. Bot. 14: 54-60. 1840 and Miquel, Bull. Sci. phys. nat. Néerl. 1839: 62-70. To be cited from journal.

2462. *Catalogus plantarum in horto botanico bogoriensi cultarum alter*. Bataviae (Typis officinae publicae) 1844, [second t.p.:] Tweede catalogus der in 's Lands Plantentuin te Buitenzorg gekweekte gewassen. Batavia [Djakarta] (Ter Lands-Drukkerij) 1844. Oct. (*Cat. hort. bot. bogor.*).
Publ.: Oct 1844, p. [ii-iii, t.p.'s], [1]-391. *Copies*: FAS, G, KNAW, MO, NY, U, US, USDA. – The word "alter" refers to Blume's *Catalogus* of 1823 (TL 2/560).
Ref.: Vriese, W. H. de, Tijdschr. nat. Gesch. Physiol. 12 (Boekbesch.): 60-68. 1845.
Schlechtendal, D. F. L. von, Bot. Zeit. 3: 350-351. 23 Mai 1845.
Kostermans, A. J. G. H., Fl. males. Bull. 10: 363. 1953.
Stafleu, F. A., Regn. veget. 71: 314. 1970.

2463. *De planten, door den heer Noronha*, onder het bestuur van den gouverneur gen. Alting in de Jakatraschen Bovenlanden *opgespoord*, en vermeld in de Verhandelingen van het Bataviaasch Genootschap van Kunsten en Wetenschappen, Ve deel. bladz. 64-86. opgehelderd door J. K. Hasskarl s.l.n.d. [Amsterdam 1844]. Oct.
Publ.: Mai 1844, p. [1]-20. *Copy*: G (sent by H. to de Candolle on 15 Oct 1844). – Reprinted from Tijdschr. nat. Gesch. Physiol. 11(1): 209-228. Mai 1844 – Provides modern names for Francisco Noronha, *Relatio plantarum javanensium* . . . 1790. – To be cited from journal.

2464. *Papilionacearum* quarundam *javanicarum descriptiones* accuratiores. Auctore J. Carolo Hasskarl. s.l.n.d. [Amsterdam 1844]. Oct.
Publ.: Mai 1844 (publ. in journal; Flora rd. Jun 1844, p. 63 dated "id. Mart." 1844, reprint WU with dated dedic. by author 25 Aug 1844), p. [1]-63. *Copy*: WU. – *Reprinted* from Tijdschr. nat. gesch. Physiol. 11: 49-112. Mai 1844. See also Natuurk. Arch., Batavia, 2: 58-71, 183-199, 341-361. 1845. To be cited from journal.

2465. *Aanteekeningen over het nut, door de bewoners van Java aan eenige planten van dat eiland toegeschreven*, uit berigten der inlanders zamengesteld . . . Amsterdam (bij Johannes Müller) 1845. Oct. (*Aanteek. nut Java pl.*).
Publ.: prob. Jun-Jul 1845 (see Flora Sep-Oct 1845), p. [i*], [i]-viii, [1]-136, [1, err.]. *Copies*: L, M, NY, USDA.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 3: 885-887. 26 Dec 1845.

2466. *Plantae javanicae rariores* adjectis nonnullis exoticis, in Javae hortis cultis descriptae, . . . Berolini [Berlin] (sumptibus A. Foerstner) 1848. Oct. (*Pl. jav. rar.*).
Publ.: Jan-Feb 1848 (p. viii: 6 Dec 1847; Hinrichs 16-19 Feb 1848; Gersdorf 14 Apr 1848; Bot. Zeit. 17 Mar 1848; publishers's announcement Börsenblatt 1847: 1610 "Anfang Jan 1848 fertig"), p. [i]-xiv, [1]-554, [1, err.]. *Copies*: G, KNAW, MO, NY, U, US, USDA; IDC 5500.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 6: 218-219. 17 Mar 1848.
Anon., Flora 31: 168. 14 Mar 1848, 524-525. 28 Aug 1848.

2467. *Allgemeines Sach- und Namen-Register zu den ersten xxv Jahrgängen der Flora* oder allgemeinen botanischen Zeitung von 1818-1842. Bearbeitet von J. K. Hasskarl . . . Mit einer Vorrede von Dr. A. E. Fürnrohr . . . Regensburg (G. Joseph Manz) 1851. Oct. (*Register Flora*).
Publ.: 1851 (p. viii: 4 Sep 1851), p. [i]-xvi, [1]-884. *Copies*: FAS, U, Teyler. – An index to vols. 26-100 was published by J. Christian Bay, Jena 1910.

2468. *Beiträge zur Flora von Java und Sumatra.* s.l. 1852. Oct.
Publ.: 28 Feb 1852, p. [1]-6. *Copy*: U. – Reprinted with independent pagination from Flora 35: 113-118. 28 Feb 1852. To be cited from Flora.

2469. *Retzia* sive observationes botanicae, quas in primis in Horto Botanico Bogoriensi mensibus Februario ad Julium 1855 fecit J. K. Hasskarl . . . Pugillus primus. Batavia (Lange & Co.) 1855. Oct. (*Retzia*).

Pugillus 1: Aug-Oct 1855 (rd. Akad. Amsterdam Dec 1855), p. [i, iii], [1]-252, preprinted from Nat. Tijdschr. Ned. Indie 10: 1-252. 1856.
Copies preprint: KNAW, NY; journal art.: LC, MO.
Pugillus 2: 1856, p. [i-iii], [1]-54. *Copy*: MO. – Reprinted from Verh. Kon. nat. Ver. Ned. Indie 1(8): [1]-54. 1856. *Copies*: KNAW, LC, U. – "*Retzia*, sive observationes botanicae, quas de plantis Horti Botanici Bogoriensis annis 1855 & 1856 fecit J. K. Hasskarl. Pugillus 2." Batavia 1856. Qu.

Other edition, Amsterdam, Bonn 1858: *Hortus bogoriensus descriptus*: see 2471. – The title *Retzia* was chosen because Retzius was Hasskarl's "cognomen" as a member of the Leopoldina.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 15: 373-374. 19 Mai 1857.
Anon., Bull. Soc. bot. France 4: 197-198. 1857 (post 17 Aug) (Pug. 1).

2470. *Filices javanicae* seu observationes botanicae, quas de filicibus horti bogoriensis nec non ad montem Gedeh aliisque locis sua sponte crescentibus annis 1855 et 1856 . . . Bataviae [Djakarta] (Typis Lange & Co.) 1856. Qu. (*Fil. jav.*).

Pugillus primus (imprint as above): 1856, p. [i-iii], [1]-64. *Copies*: MO, NY; also as Verh. nat. Ver. Ned. Indie 1(7): [1]-64. 1856. *Copy*: KNAW. – (Journal publ. as *Observationes botanicae* . . .).
Pugillus secundus, no copy seen with independent publication; published as idem 3: [1]-32. 1858. *Copy*: U, (title *Observationes botanicae* . . .).

2471. *Hortus bogoriensis descriptus* sive Retziae editio nova valde aucta et emendata . . [illegible] prima. Amstelodami [Amsterdam] (sumptibus F. Günst), Bonnae [Bonn] (apud Adolphum Marcum) 1858. Oct. † (*Hort. bogor. descr.*).
Publ.: 1-12 Oct 1858 (archives KNAW; Hasskarl sent a copy to Miquel on 12 Oct 1858 stating that it had just been published (letter at U)), p. [i]-xi, [xii, err.], [1]-376. *Copies*: G KNAW, NY, U. – The publisher could not fulfill his promise to publish a second part. Hasskarl published the continuation of the text in Bonplandia 7: 170-174, 254-274. 1859 and 8: 90-100. 1860 (see also his letter to Miquel of 25 Jul 1859 at U).
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 17: 167-168. 1859.
Anon., Bull. Soc. bot. France 6: 73-74. 1859 (post 6 Mai).

2472. *Horti malabarici clavis nova* [Regensburg (Manz) 1861-1862]. Oct.
Publ.: In Flora (Regensburg) as follows:

44: 401-408. 14 Jul 1861,
44: 481-488. 21 Aug 1861,
44: 545-552. 21 Sep 1861,
44: 577-584. 7 Oct 1861,
44: 609-616. 21 Oct 1861,
44: 641-648. 7 Nov 1861,
44: 705-712. 7 Dec 1861,
44: 739-745. 21 Dec 1861
Nachträge und Verbesserungen:
45: 41-48. 14 Feb 1862,
45: 73-80. 28 Feb 1862,
45: 121-128. 21 Mar 1862,
45: 153-160. 3 Apr 1862,
45: 187-192. 16 Apr 1862.

Reprint: with original pagination, as above. *Copy*: U. – To be cited from journal.

2473. *Neuer Schlüssel zu Rumph's Herbarium amboinense* von Dr. J. K. Hasskarl. Besonders abgedruckt aus den Abhandlungen der Naturf. Gesellschaft Bd. ix. Heft 2. Halle (H. W. Schmidt) 1866. Qu. (*Neu. Schlüss. Rumph.*).
Publ.: 1866 (BSBF rd. Oct-Dec 1866; p. 146: 15 Oct 1864, p. vi [err.]: 17 Oct 1866; slip "novissima additamenta" 23 Oct 1866), p. [1]-247, add. [i]-vi. *Copies*: G, U. – Abh. naturf. Ges. Halle 9(2): [143]-389, [i]-vi, err. slip 23 Oct 1866; reprint with original pagination but with a modified t.p.: MICH, MO, NY, USDA.

2474. *Commelinaceae indicae*, imprimis archipelagi indici, adjectis nonnullis hisce terris alienis auctore Carolo Hasskarl . . . (propriis expensis c.r. societatis zoologico-botanicae). Vindobonae [Wien] (Typis Caroli Ueberreuter (M. Salzer).) 1870. Oct. (in fours). (*Commelin. ind.*).
Publ.: Apr 1870 (rd. at Utrecht; Bot. Zeit. 8 Jul 1870; Flora 8 Mai 1870), p. [i], [1]-182, [1-2, err. loose lf.]. *Copies*: G, KNAW, MICH, NY, MO, U, US, USDA. – Published as *Beilage* to the Verh. zool. bot. Ver. Wien 20, 1870.

Hassler, Émile (1861-1937), Swiss botanical collector and physician who settled in Paraguay (1885-1937) with several prolonged stays in Europe; Dr. phil. h.c. Ascunsión 1930. (*Hassl.*).

HERBARIUM and TYPES: Paraguay herbarium (35.000) at G; second largest set of collections at K (7075), other major sets at B (no longer extant), P, S and W. Hassler issued various sets of exsiccatae, some collected by T. Rojas:
(1) *Plantae paraguarienses* (1898-1913, distributed in various series by year).
(2) *Plantae a custode herbarii mei T. Rojas in chaco septentrionali lectae.*
(3) *Florula Cordillerae villaricensis.*
(4) *Comision argentino-paraguaya de limites* (1906).
(5) *Plantae pilcomayenses a . . . Theodore Rojas lectae.*
(6) *Itinera in Paraguaria septentrionali* (T. Rojas leg.).
Ref.: Verdoorn, F., Chron. bot. 4: 170. 1938.
Stafleu, F. A., Monogr. Vochysiac. 532. 1948.
Miège & Wuest, Saussurea 6: 133. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 652; Barnhart 2: 137; BJI 2: 70; BL 1: 234, 252, 253, 300; BM 2: 799, 6: 440; Bossert p. 167; Hortus 3: 1194 ("Hassl."); IH 2: 260; Kew 2: 602; Plesch p. 251; TL-2/303-304; Tucker 1: 325, 335; Urban-Berl. p. 354; Zander ed. 10, p. 668.
Hassler, E., Bibliografia del Dr. E. Hassler ofrecida a la Universidad nacional de Ascunción al entregársele et primer diploma de "doctor honoris causa" otorgado por la misma. Ascunción, 26de octubre de 1934. Buenos Aires (Casa Coni), 1934, 6 p. (*n.v.*), reprinted Darwiniana 3(1): 82-87. 1937.
Hochreutiner, B. P. G., Boissiera 3: [11 p.]. 1939 (portr., bibl.).
Molfino, J. F., Physis 5: 332-337. 1922 (bibl.); Anal. Soc. ci. Argentina 113(3): 138-140. 1932.
Vischer, Verh. naturf. ges. Basel 49: 197-199. 1938 (portr.).

HANDWRITING: Candollea 30: 389-390. 1975.

EPONYMY: *Hasslerella* Chodat (1908); *Hassleropsis* Chodat (1904).

2475. Université de Genève – Institut de botanique. *Plantae Hasslerianae* soit énumeration des plantes recoltées au Paraguay par le dr. Émile Hassler, d'Aarau (Suisse) et déterminées par le prof. dr. R. Chodat avec l'aide de plusieurs collaborateurs . . . Genève (Imprimerie Romet, . . .) [1898-1907], 2 vols. Oct. (*Pl. Hassl.*).
Main author of text: Robert Hippolyte Chodat (1865-1934).
1: 1902, p. [1]-8, [1]-203; *2*: 1907, p. [i], [1]-712, and index. *Copy*: NY. – Consolidated reprint with continuous pagination of a series of papers in Bulletin de l'Herbier Boissier as follows:

vol.	pages reprint	Bull. Herb. Boissier ser.	vol.	pages	daes
1	1-42	1	6, App. 1	1-42	1 Apr 1898
	43-88		7, App. 1	43-88	1 Mai 1899
	89-136	2	1	395-442	31 Mar 1901
	137-152		2	297-312	28 Feb 1902
	153-174		2	382-403	27 Mar 1902
	175-189		2	733-747	31 Jul 1902
	190-203		2	811-824	31 Aug 1902
2	1-17		3	50-66	30 Nov 1902
	18-34		3	239-255	28 Feb 1903
	35-48		3	342-355	31 Mar 1903
	49-83		3	387-421	30 Apr 1903
	84-98		3	538-552	31 Mai 1903
	99-128		3	612-641	30 Jun 1903
	129-160		3	701-732	31 Jul 1903
	161-192		3	780-811	31 Aug 1903
	193-228		3	906-941	30 Sep 1903
	229-261		3	1007-1039	31 Oct 1903
	262-292		3	1097-1127	5 Dec 1903
	293-324		4	61-92	31 Dec 1903
	325-352		4	169-196	31 Jan 1904
	353-388		4	257-292	29 Feb 1904
	389-403		4	475-489	30 Apr 1904
	404-419		4	548-563	31 Mai 1904
	420-425		4	688-693	30 Jun 1904
	426-441		4	824-839	31 Jul 1904
	442-472		4	879-909	31 Aug 1904
	473-490		4	1051-1068	30 Sep 1904
	491-508		4	1155-1172	31 Oct 1904
	509-524		4	1273-1288	5 Dec 1904
	525-550		5	65-90	30 Dec 1904
	551-568		5	228-305	28 Feb 1905
	569-594		5	481-506	30 Apr 1905
	595-605		5	603-613	31 Mai 1905
	606-634		5	671-699	30 Jun 1905
	635-652		7	279-296	31 Mar 1907
	653-680		7	597-624	29 Jun 1907
	681-698		7	665-682	31 Jul 1907
	699-712		7	795-808	30 Sep 1907

For Hassler's publications on Paraguay and Argentina see Darwiniana 3(1): 82-87. 1937.

2476. Contribuciones á la flora del Chaco argentino-paraguayo. Primera parte *florula pilcomayensis* por el Dr. Emilio Hassler. Buenos Aires ("La Semana médica", imp. de obras de E. Spinelli) 1909. Oct. (*Fl. pilcomay.*)
Publ.: 1909 (p. 8: 15 Mar 1908), p. [1, cover]-154, [i]-iii err. *Copy*: US. – Trabajos del Museo de Farmacologia de la Facultad de Ciencias médicas de Buenos Aires no. 21.

Hattori, Hirotarô (1875-1965), Japanese botanist. (*Hatt.*).

HERBARIUM and TYPES: TI.

NOTE: Dr. H. Hara informed us that H. Hattori was born on 1 Mai 1875 and died on 30 Sep 1965. Obituary notes are not available.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 139; BM 2: 800; CSP 15: 684; IH 2: 260; Kew 2: 603; LS 11522, suppl. 19022; MW p. 161-162, suppl. p. 90; Rehder 5: 373.
Diels, F. L. E., Bot. Jahrb. 42(Lit.): 32. 1908.

EPONYMY: *Hattoria* Kamimura (1961), *Hattoria* R. M. Schuster (1961), *Hattoriella* H. Inoue (1960), and *Neohattoria* Kamimura (1962), are dedicated to Sinske Hattori (1915-x), Japanese hepatologist, whose name also occurs in the *Journal of the Hattori Botanical Laboratory*. Miyazaki (Japan). Vol. i-x. 1947-x. (The foundation which supports the laboratory was established in 1946 by Shinji Hattori, father of Sinske Hattori).

2476a. *Myxomycetes of Nasu district* by H. Hattori s.l. 1935. Oct. (size). (*Myxomyc. Nasu*).
Publ.: 1935 (Mycologia 1 Jun 1936), p. [i-xvi, japanese texts], 1-280, *pl. 1-23*, [1-2]. *Copy*: Stevenson.
Ref.: Anon., Mycologia 28: 296. 1936.
Hattori, H., Nasu san henkei kinrui zusetsu. Sôsetsu zôho, p. [1], 1-21, [1]. 1939 (fide MW suppl. p. 90, supplement to main work).

Haub, Peter Ferdinand (1804-1867), German high school teacher; from 1833 at the Konitz (Marienwerder) Gymnasium. (*Haub*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 800; PR 3851.
Caspary, R., Lebensbeschr. ost-westpreuss. Bot. 210. 1912.

2477. *Album plantarum*, quae circa Conicium sponte crescunt, phanerogamarum. Praemittitur familiarum dispositio naturalium. Scripsit P. F. Haub. Conicii [Konitz (Marienwerder)] (typis F. F. Harichii) 1847. Qu. (*Album pl.*).
Publ.: Jul-Aug 1847 (p. 4: pridie Pentecosten a. 1847), p. [i], [1]-87, followed by Schulnachrichten [1]-22. *Copy*: MO. – "Jahresbericht über das königliche katholische Gymnasium in Conitz in dem Schuljahre 1846-1847 mit welchem zu der offentlichen Prüfung am 23 August und zu den Schlussfeierlichkeiten am 24 August c. ergebenst einladet der Director des Gymnasiums Dr. F. Brüggemann. *Inest*: Album plantarum . . . Haub."

Hauck, Ferdinand (1845-1889), Austrian algologist (born at Brünn, Brno); post office official stationed at Trieste 1866-1889; Dr. phil. h.c. Zürich 1883. (*Hauck*).

HERBARIUM and TYPES: L (via herb. Weber-van Bosse); further material at W and WRSL. *Exsiccatae* (with Paul Richter): *Phykotheka universalis* (Fasc. 1-15; P. Richter from fasc. 7 on; 750 nos., Leipzig (Kummer) 1885-1896), complete sets at B, BM, C, FH, HAL, KBG, K, L, LD, NY, S, STR, UPS, W, WRSL. Fryxell (1975) refers to Hauck diatoms at S, Hauck and Richter id. at W. – Diagnoses in Hedwigia. – Hauck also contributed specimens to V. Wittrock and O. Nordtstedt, *Algae aquae dulcis exsiccatae* and to P. T. Cleve and J. D. Möller, *Diatomeen*.
Ref.: Dodel, Bot. Centralbl. 42: 362-367. 1890 (on *Phykotheka*).
Sayre, G., Mem. New York Bot. Gard. 19: 78. 1969.
Koster, J. T., Blumea 2(3): 231. 1936, Taxon 18: 553. 1969.
Fryxell, G., Nova Hedwigia Beih. 35: 361. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 139; BM 2: 800; Bossert p. 167; Clokie p. 179; CSP 10: 159, 12: 317, 15: 685; De Toni 1: lxi-lxii, cxxxviii, 2: lxiii, 4: xxix; DTS 1: 103-104; Frank 3(Anh.): 42; IH 2: 260; Kew 2: 604; KR p. 273-274; Moebius p. 90; Nordstedt p. 35; Rehder 5: 373; Saccardo 1: 88, 2: 57; Urban-Berl. p. 264.
Anon., Bot. Not. 1890: 45; Leopoldina 26(5-6): 54. 1890; Bot. Zeit. 48: 15. 1890; Hedwigia 29(1): 45-48. 1890; Bot. Gaz. 15: 48. 1890; Botanik und Zoologie in Österreich 1850-1900. Wien 1901 (unnumbered portrait).
Beck, G., Vegetationsverh. Illyr. Länder 13, 34-35. 1901 (Veg. Erde 4) (bibl.).
Cesati, V. de, Saggio bibl. algol. ital. 185-189. 1882.
De Toni, G. B., Nuova Notarisia 1: 58-61. 1890 (bibl.), Bot. Centralbl. 41: 234-237. 1890.
Levi Morenos, Notarisia 5(18): 941-953. 1890 (portr., bibl.).
Marchesetti, Ann. Bot. 3: 464. 1890 (bibl.).
Richter, Hedwigia 29: 45-48. 1890 (bibl.).
S.Z., Österr. bot. Z. 37(1): 1-6. 1887 (portr., bibl.).
Wittrock, V. B., Acta Horti Berg. 3(2): 81, *pl. 23*. 1903 (portr.), 3(3): 67. 1905.

COMPOSITE WORKS: Contributed to H. W. Reichardt, *Flora der Insel Jan Mayen*, 21 p., in vol. 3(7a) of *Die internationale Polarforschung 1882-1883*, Wien, 1886; see under Reichardt.

EPONYMY: *Hauckia* A. Borzi (1880).

2477a. *Eine neue Floridee* [Marchesettia] [(Separat-Abdruck aus "Hedwigia" 1882. Nr. 9)]. Oct.
Publ.: Sep 1882, p. [1-2]. *Copy*: FH. – Hedwigia 21: 140-141. 1882. To be cited from journal.

2478. *Die Meeresalgen Deutschlands und Oesterreichs*. Leipzig (Verlag von Eduard Kummer) 1885. Oct. (*Meeresalg. Deutschl. Oester.*).
Publ.: 1882-1885, in 10 parts. *Copies*: U, US. – Second t.p. [ii]: *Dr. L. Rabenhorst's Kryptogamen-Flora von Deutschland, Oesterreich und der Schweiz*. ed. 2, vol. 2, *5 plates (1-5)*.

part	pages	dates	part	pages	dates
1	[1]-64	Nov 1882	6	273-320	Nov 1883
2	65-112	Dec 1882	7	321-384	Jan 1884
3	113-160	Jan 1883	8	385-448	Jul 1884
4	161-224	Apr 1883	9	449-512	Oct 1884
5	225-272	Apr 1883	10	513-575, [576]	Jan 1885
				pref. [ii]-xxiii, [xxiv]	Jan 1885

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Ref.: Engler, A., Bot. Jahrb. 4: 71. 1883 (Lit.): 12, 34. 1884, 6(Lit.): 99. 1885. Murray, J. Bot. 25: 253-254. 1887.

Haughton, Samuel (1821-1897), Irish clergyman, physician and palaeobotanist at Dublin; professor of geology at Trinity College 1851-1881; M. D. Dublin 1862, D.C.L. Oxford 1868, L.L.D. Edinburgh 1884. (*Haught.*).

COLLECTIONS: Possibly at TCD.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 275; Barnhart 2: 139; BB p. 142; BM 2: 801; CSP 3: 220-223, 7: 923-924, 6: 683, 10: 160-162, 15: 687; Dawson p. 401; Desmond p. 294; DNB suppl. 2: 398.
Anon., Notes bot. School Trinity Coll. Dublin 3: 126-127. 1898; Dublin J. Med. Sci. 104: 535. 1897.
C., Nature 57: 55-56. 1897.
Close, Irish Natural. 7: 1-3. 1898 (portr.).
D.J.C., Proc. Roy. Soc. London 62: xxix-xxxvii. 1898.
E.H., Geol. Magaz. ser. 2. dec. 4. 4: 573-575. 1897.
Hicks, Quart. J. Geol. Soc. London 54: lxvi. 1898.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 301, 567. 1963.

COMPOSITE WORKS: (1) Editor of *The Natural History Review*, vols. 4-7, 1857-1860.
(2) Edited *The Dublin Quarterly Journal of Science*, vols. 1-6, 1861-1866.

Hauman, Lucien (1880-1965), Belgian botanist; educated at Gembloux; pupil of Leo Errera; at the Faculty of Agronomy in Buenos Aires, Argentina, from 1904-1926; professor of botany at the Université libre de Bruxelles 1928-1950; Dr. agron. h.c. Buenos Aires 1949. (*Haum.*).

HERBARIUM and TYPES: BRLU; dupl. B, BA, BR, G, NY, SI.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 652; Barnhart 2: 139; BL 1: 231, 234, 232, 253, 255, 300, 2: 32, 666; Hirsch p. 116; Hortus 3: 1194 ("Haum."); Langman p. 352; LS 11523, suppl. 10932-10934; MW p. 162; Zander ed. 10, p. 668.
Aubréville, Adansonia 6(1): 25-27. 1966.

Balle, S., Mém. Soc. bot. Belgique 2: 43-46. 1966; AETFAT Bull. 17: 10-11. 1966.
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Burkart, A., Darwiniana 14(1): 250-251. 1966.
Diels, F. L. E., Bot. Jahrb. 66(Lit.): 29. 1934.
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Homès, Bull. cl. Sci. Acad. r. Belgique ser. 5. 51: 1131-1133. 1965.
Lawalrée, A., Mém. Soc. Bot. Belgique 2: 39-42. 1966 (H. and Belgian floristics).
Léonard, J., Mem. Soc. Bot. Belgique 2: 47-49. 1966 (on H's work on the Flore du Congo).
Parodi, L. R., La obra botánica del profesor Lucien Hauman. Buenos Aires 1925, 11 p. (repr. from An. Soc. Ci. Arg. C, 1925; see also Revista Centro Est. Agron. Buenos Aires 18(125-126): 617-624. 1925) (main bibl. of Argentine publ.).
Robyns, W., Bull. Inst. R. Col. Belge 21(4): 1002-1004. 1951.
Tournay, R., Mém. Soc. Bot. Belgique 2: 51-73. 1966 (main bibl.).

COMPOSITE WORKS: Many papers published in collaboration with other authors. For these and for H's contributions to the Flore du Congo see Tournay (1966) and Leonard (1966).

EPONYMY (genera): *Haumania* J. Léonard (1949); *Haumaniastrum* P. Duvigneaud et Plancke (1959); (journal): *Haumania*, revista del Centro de Estudios agronómicos de Cuyo, Mendoza (Argentina), i-x, 1947-x.

2479. *Catalogue des phanérogames de l'Argentine.* Buenos Aires (1: Coni frères; 2: Imprimerie et éditions "Coni") 1917-1923, 2 parts. †. (*Cat. phan. Argentine*).
Co-authors (1): G. Vanderveken; (2): Luis H. Irigoyen.
1: 5 Feb 1917, p. [i-iii], [1]-350, [1, index], err. slip p. 345. *Copies*: MICH, MO, NY, US(2). – Anales del Museo nacional de historia natural de Buenos Aires, vol. 29.
2: 14 Dec 1923, p. [i-iii], [1]-313, [1, index]. *Copies*: MICH, MO. – Anales [id.], vol. 32.
Preliminary notice in: Primera Reunión nac. Soc. Arg. Ci. nat. Tucuman 279-286. 1919.

2480. *La végétation des hautes Cordillères de Mendoza.* Buenos Aires (Impremerie et édition "Coni") 1918 (publié en mai 1919). Oct. (size). (*Vég. Cordill. Mendoza*).
Publ.: Mai 1919 (t.p.), p. [1]-194, *pl. i-xxv. Copy*: US. Repaginated reprint from An. Soc. Ci. Argent. 86: 121-188, 225-348. 1918, publ. 1919.

2481. *Catalogue des ptéridophytes et phanérogames de la flore belge* énumération mise à jour et révisée au point du vue systématique et synonymique des espèces et de leurs variétés . . . Gembloux (Imprimerie J. Duculot) 1934. Oct. (*Cat. fl. belg.*).
Co-author: S. Balle.
Publ.: 1934 (p. 11: Oct 1933), p. [1]-126. *Copies*: BR, NY. – Suppl. to Bull. Soc. Bot. Belg. vol. 66.

Hauptfleisch, Paul (1861-1906), German botanist; Dr. phil. Greifswald 1888; lecturer at the Technische Hochschule, Stuttgart. (*Hauptfl.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 139; BM 2: 801; CSP 15: 687; De Toni 1: lxii, 4: xxix; LS 11525-11526, 34264-34265; Moebius p. 185; Nordstedt p. 17-18.
Anon., Bot. Not. 1907: 20; Nat. Nov. 28: 500. 1906.

COMPOSITE WORKS: (1) In EP, *Die natürlichen Pflanzenfamilien*, die als *fossile Algen* (und Bakterien) beschriebenen Pflanzenreste oder Abdrücke, 1(2): 515-569. Dec 1897 (TL-2/1710).

2482. *Zellmembran und Hüllgallerte der Desmidiaceen.* Inaugural-Dissertation der hohen philosophischen Fakultät der Universität Greifswald zur Erlangung der Doktorwürde, vorgelegt und nebst den beigefügten Thesen am 23 Juni 1888, Nachsmittags 2 Uhr öffentlich verteidigt von Paul Hauptfleisch aus Landsberg a.W. . . . Greifswald (Druck von F. W. Kunike) 1888. Oct. (*Zellmembran Desmid.*).

Publ.: 23 Jun 1888, p. [i-iii], [1]-80, *pl. 1-3* (uncol., auct.). *Copy*: FH. – Preprinted from Mitt. naturw. Ver. Neuvorpommern 20: 57-136. 1889.

Hausmann zu Stetten, Franz von (1810-1878), Austrian botanist, Freiherr zum Stein unter Lebenberg, Lanegg und Greiffenegg. (*Hausm.*).

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 47, 4: 148, 12(1): 147; Barnhart 2: 140; BL 2: 404, 666; BM 2: 801; Bossert p. 167; CSP 3: 224; DTS 1: xx, 104-106, 6(4): 23, 27, 34, 40, 41; Frank 3(Anh.): 42; Hortus 3: 1194 ("Hausm."); IH 2: 261; Kew 2: 606; Jackson p. 269; PR 3854-3855 (ed. 1: 4217); Rehder 1: 440; Saccardo 1: 88, cron. p. xxiv; Tucker 1: 326; Urban-Berl. p. 354.
Fischnaler, Alpenfreund 11: 308-314. 1878 (portr.); Z. Ferdinandeums Tirol Vorarlberg, ser. 3. 23: 1-94. 1879 (portr.).
Janchen, E., Catal. fl. austr. 1: 42, 43, 46. 1956.
Hausmann, F., Fl. Tirol 1163. 1854.
Kanitz, A., Magy. növén. Lapok 2: 141-142. 1878.

EPONYMY: *Hausmannia* Dunker (1846) is dedicated to Johann Friedrich Ludwig Hausmann (1782-1859), German mineralogist.

2483. *Flora von Tirol.* Ein Verzeichniss der in Tirol und Vorarlberg wild wachsenden und häufiger gebauten Gefässpflanzen. Mit Berücksichtigung ihrer Verbreitung und örtlichen Verhältnisse verfasst und nach Koch's Synopsis der deutschen Flora geordnet. [Heft 3 and 1854 general t.p.:]. Mit einem Anhange, enthaltend: Die Literatur der Flora des Landes und Notizen über die zu selber Bezug habenden Botaniker – zweifelhafte und irrige ältere Angaben – Höhenmessungen – einen Vergleich mit den Nachbar-Floren in tabellarischer Uebersicht – einen Linnéischen Schlüssel – ein vollständiges Synonymen-Register – und Nachträge zur Flora . . . Innsbruck (Im Verlage der Wagner'schen Buchhandlung) 1851-1854. Oct. (*Fl. Tirol*).

Heft	pp.	date	Heft	pp.	date
1	[i-viii], [1]-576	Jul-Sep 1851	3	[i]-xiv, [1085]-1614	Jun-Jul 1854
2	[i-ii], 577-1084	1852			

Copies: B, G, L, M, MO, NY, USDA (Heft 1 until p. 548).
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 9: 764-765. 24 Oct. 1851; 12: 531-534. 28 Jul 1854 (Heft 2, 3).
Fürnrohr, A. E., Flora 27: 665-668. 14 Nov 1854.
Hausmann, F. von Verh. zool. bot. Ver. Wien 8: 371-380. 1858 (Nachträge).

2484. *Gagea und Lloydia.* Eine Monographie von Franz Hausmann. Wien (gedruckt bei Carl Ueberreuter) 1841. Oct. (*Gagea Lloydia*).
Publ.: 1841, p. [i]-vi, [7]-58. *Copy*: WU. – The BM copy has the title *Dissertatio inauguralis medico-botanica exponens species generum plantarum Gageae et Lloydiae* . . . (see also PR). The WU copy is the trade edition.

Haussknecht, Heinrich Carl (1838-1903), German botanist of independent means at Weimar; botanical explorer of the Orient. (*Hausskn.*).

HERBARIUM and TYPES: JE ("Herbarium Haussknecht"). Duplicates in A, AK, B, BM, BB, CN, E, G, K, L, LE, LY, MANCH, MN, OXF, P, W. *Exsiccatae*: sets issued as e.g. *Iter Syriaco-Armeniacum* (1864-1866), *Iter kurdicum* (1866-1869), *Iter graecum* (1885), *Iter orientale* (1867-1868). – Haussknecht's library is also at JE. The "Herbarium Haussknecht" was originally housed in Weimar in a building, erected in 1895, designed to house H's collections. After H's death this institution was continued as an independent foundation managed by Joseph Bornmüller under the auspices of the Thüringische botanische Gesellschaft. Bornmüller was succeeded by O. Schwarz in 1946 who transferred the collections to the new Institut für spezielle Botanik at Jena in 1949.
Ref.: Sayre, G., Mem. New York Bot. Gard. 19(3): 333-334. 1975.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 277, 5(2): 163, 5(2): 488; Backer p. 652; Barnhart 2: 140; BM 2: 802; Bossert p. 167; CSP 7: 925, 10: 162, 12: 317, 15: 690; Clokie p. 179; DTS 1: 106-107, 6(4): 63, 70, 71, 148; GR p. 86; Hortus 3: 1194 ("Hausskn."); IH 2: 261; Kew 2: 606-607; Langman p. 352; LS 11534-11535; Maiwald p. 117, 124; MW p. 162; NAF ser. 2. 5: 241; NI 813; Rehder 5: 373; Saccardo 1: 88, 2: 57; TL-2/see K. G. Baenitz; Urban-Berl. p. 265, 301, 354; Zander ed. 10, p. 668.
Anon., Bot. Not. 1904: 46; Bot. Zeit. 61(2): 240. 1903; Bull. Soc. bot. France 16 (bibl.): 46-47, 239. 1869.
Beck, G., Vegetationsverh. Illyr. Länder 35. 1901 (Veg. Erde 4).
Frison, Ed., Henri Ferdinand Van Heurck 45. 1959.
Hergt, Mitt. thür. bot. Ver. ser. 2. 18: 1-14. 1904 (portr., bibl.); Ber. Deut. bot. Ges. 22: (31)-(39). 1905.
Meyer, F. K. und H. Manitz, *in*: Reichtümer und Raritäten, Jenaer Reden und Schriften 88-95. 1975 (on the "Herbarium Haussknecht").
Pax, F., Grundz. Pflanzenverbr. Karpathen 38, 42. 1898 (Veg. Erde 2(1)).
Volkens, Verh. bot. Ver. Brandenburg 51: (85). 1910.

EPONYMY: *Haussknechtia* Boissier (1872).

2485. *Monographie der Gattung Epilobium* . . . Jena (Verlag von Gustav Fischer) 1884. Qu. (*Monogr. Epilobium*).
Publ.: Jun 1884 (p. viii: Mai 1884; Nat. Nov. Jun 1884; Bot. Zeit. 25 Jul 1884; id. "soeben" 27 Jun 1884; J. Bot. Jul 1884), p. [i]-viii, [1, cont.], [1]-318, 3 charts, *pl. 1-23*, uncol. liths. by author. *Copies*: B, BR, G, L, M, NY, U, USDA.
Ref.: Murbeck, Bot. Not. 1884: 189-199. 18 Dec 1884.
Roth, Bot. Jahrb. 6(Lit.): 3-6. 24 Oct 1884.

Havaas (Havås), **Johan Jonson** (1864-1956), Norwegian farmer and lichenologist at Bergen. (*Hav.*).

HERBARIUM and TYPES: BG; other material at DUKE and O. – *Exsiccatae*:

(1) *Lichenes exsiccati Norvegiae*, a Museo Bergensi editi. Fasc. 1-23, nos. 1-725, Bergen 1901-1952, sets at BG, C, H, O, UPS.
(2) *Lichenes Norvegiae occidentalis exsiccati*, a Museo Bergense editi. Fasc. 1-12, nos. 1-300. Bergen 1912-1954. Sets at BG, FH, LD, LE, O, PC, S, UPS; for incomplete sets see IH.

Index: Lynge, B., Index sp. var. lich. 241-248. 1915-1918; suppl. p. 234.

Note (by P. M. Jørgensen): Havaas was for a very long time "stipendiat" at BG, a position which allowed him to continue his lichenological studies at his farm at Granvin. Under this arrangement Havaas had to deliver the first set of his collections to BG and to keep only duplicates for his personal use. All specimens on which Havaas published are at BG. Upon Havaas' death his son sold the private herbarium kept at home to DUKE. This collection contained mainly duplicates of what was already at BG but also some material collected in later years which had not yet been identified. In addition to these main collections there are Havaas collections not necessarily duplicating the holdings at BG, at TUR (via Vainio), H (via G. Lång), UPS (through Magnusson), and at O (only few, mainly material sent to Lynge). The location of regular sets of exsiccatae is mentioned above.
Ref.: V.A., Rev. bryol. lichén. 34: 376. 1966 (on acquisition by DUKE of "the cryptogamic herbarium" of Havaas).
Sayre, G., Mem. New York Bot. Gard. 19: 131-133. 1969.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 140; BL 2: 448, 666; GR p. 712-713, *pl.* [*36*], cat. p. 64 ("Hav."); Hawksworth p. 183; IH 2: 261; Kleppa p. 324; LS 11542-11543, 34270-34271, suppl. 10943-10944; Rehder 5: 374; SBC p. 122 ("Hav."); Tucker 1: 326.
Dahl, Blyttia 14: 71-77. 1956.
Faegri, K., Naturen 78: 354-360. 1954 (portr.); Univ. Bergen Årsmelding 1955-56: 23-24.
Holmboe, J., Norsk. biogr. Leks. 5: 538-539. 1931.
Stafleu, F. A., Taxon 6: 56. 1957.

2486. *Beiträge zur Kenntnis der westnorwegischen Flechtenflora* [Bergen (A/S John Griegs Bogtrykkeri) 1909]. Oct. (*Beitr. westnorw. Flecht.-Fl.*).
Publ.: Jan-Aug 1909 (Nat. Nov. Sep(1) 1909), p. [1]-39. *Copy*: KNAW. – Bergens Museums Aarbog 1909(1).
Ref.: Rüggeberg, Bot. Zeit. 68: 15-16. 16 Jan 1910.

Havard, Valéry (1846-1927), French-born American physician and botanist; at Manhattan College, New York 1865; at San Francisco 1869; surgeon U.S. Army 1871; president of the Army Medical School 1906-1910. (*Havard*).

HERBARIUM and TYPES: Main set at US; duplicates B, F, GH, MICH, MO, NY, SPH. For travels see McVaugh 1957.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 140; BL 1: 216; CSP 10: 165, 15: 692; IH 2: 261; Langman p. 352; Pennell p. 609; Tucker 1: 326; Urban-Berl. p. 354.
Anon., The World 15 Mar 1905 (captured 67 Japanese).
Blankinship, J. W., Montana Agric. Coll. Sci. Stud. Bot. 1: 8, 9, 20. 1905.
Ewan, J., Rocky Mountain naturalists 224-225. 1950.
Havard, V., Proc. U.S. natl. Mus. 8: 449-553. Sep 1885 (report on H's travels and collections made in Texas 1881-1884).
Hultén, E., Bot. Not. 1940: 304.
McVaugh, R., Asa Gray Bull. ser. 2. 3(2): 177-191. 1957. (autobiogr. notes; evaluation of bot. work).
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 937. 1963.
Rickett, H. W., Index Bull. Torrey bot. Club 45. 1955.
Sargent, C. S., Silva 1: 81. 1891.

EPONYMY: *Havardia* J. K. Small (1901).

2487. *List of plants found on the plains of western Dakota* and eastern Montana during the summer of 1877 and spring of 1879, by V. Havard, . . . Washington (Government Printing Office) 1880. Oct. (*List pl. west. Dakota*).
Publ.: 1880, p. [1]-20. *Copy*: NY. – Appendix SS of the Annual Report of the Chief of Engineers for 1880. (House exec. Doct. 1(2) vol. 2, 46th Congr., third session) p. 2513-2530. – A first account was given by Havard in Appendix QQ, House Exec. Doct. 1(2), vol. 2, 45th Congress, third session, Ann. Rep. Engineers 1878: 1692-1687. 1878 (see p. 1672-1680 for a report on the march itself by L. R. Hare).

Haworth, Adrian Hardy (1768-1833), British gardener and entomologist, originally at Cottingham nr. Hull, in 1792-1812 at Little Chelsea, London, from 1812-1817 again at Cottingham; from 1817 or 1818 again at Chelsea; died of cholera; leading authority on succulent plants. (*Haw.*).

HERBARIUM and TYPES: Haworth's herbarium was bought by Fielding who used it for study and threw away most of the specimens. Some specimens of *Aloe*, *Apicra*, *Gasteria* and *Haworthia* labelled by Haworth are still in the Fielding herbarium (OXF). Haworth had a garden in Chelsea where he grew succulent plants (1817-1833). It may be assumed that, as was not unusual with botanists working with succulent plants, Haworth did not always make herbarium specimens of the new species he grew. Desmond mentions also Haworth plants at K. – Letters at K, LINN, Teyler.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 69; Backer p. 256; Barnhart 2: 142; BB p. 143; Blunt p. 211; BM 2: 804; Bossert p. 168; Clokie p. 180; CSP 3: 235-236, 15: 694; Desmond p. 295 (q.v. for further references); DNB 25: 246-247; Dryander 3: 288; Frank 3(Anh.): 42; Henrey 2: 389, 425, 434-435, 632, 429, 432-434, 720, 3: 52-53; Hortus 3: 1194 ("Haw."); Kew 2: 611; Jackson p. 556 [index]; Langman p. 354; MW p. 162; PR 3856-3861 (ed. 1: 4218-4223); Rehder 5: 374; RS p. 87; TL-2/135; Tucker 1: 327; Zander ed. 10, p. 668.
Allan, M., The Hookers of Kew 35, 41. 1969.
Faulkner, Th., An historical and topographical description of Chelsea and its environs ii, Chelsea 1829, p. 11-13 (fide Rauschenberg; contemp. view of H's later years).

Guillemin, A., Arch. de Bot. 2: 479-480. 1833.
Herbert, W., Amaryllidaceae 293-296. 1837 (critique of H's taxonomy).
J.D., Mag. nat. Hist. 6: 562. 1823.
Loudon, J. C., Mag. nat. Hist. 9: 447. 1836.
Pritzel, G. A., Linnaea 19: 454. 1847.
Rauschenberg, R. A., *in* C. C. Gillispie, DSB 6: 184. 1972 (bibl.).
Reynolds, G. W., Aloes of S. Africa 93, 227. 1950.
Salm Dyck, Catalogue raisonné des espèces et variétés d'Aloès décrites par Ms. Willdenow, Haworth, De Candolle et Jacquin. [Düsseldorf 1817], 8 and 72 p. (on H's *Aloe* species).
Schultes, *in* W. J. Hooker, Bot. Misc. 1: 69-70. 1830.
Schumann, Monatschr. Kakteenk. 9(1): 1-2. 1899.
Stafleu, F. A., Taxon 15: 274-276. 1966 (review of "Complete works").
Stearn, W. T., *in* Haworth's complete works on succulent plants, London 1965, vol. 1, p. 9-80; also *in* Herre, Genera Mesembr. 42-43. 1971 (portr.).

COMPOSITE WORKS: Haworth wrote the text of Andrews' *The botanist's repository*, vol. 6, pl. 361-432, Apr 1804-Mar 1805, Tl-2/135.

HANDWRITING: Clokie, H., Account herb. Oxford 279. 1964.

EPONYMY: *Haworthia* H. A. Duval (1809, *nom. cons.*).

2488. *Observations on the genus Mesembryanthemum*, in two parts; containing scientific descriptions of above one hundred and thirty species, about fifty of which are new; directions for their management; new arrangements of the species; references to authors; and a great variety of critical, philosophical and explanatory remarks. London (Printed and sold for the author, by J. Barker, . . . also by B. and J. White . . .) 1794 [-1795], 2 parts. Oct. (*Observ. Mesembryanthemum*).

Part. 1: p. [i, iii, v], [1]-104, *publ.* after 1 Nov 1794 (preface 1 Nov 1794; t.p. 1794).
Part. 2: p. [105]-480, *publ.* 1795 (mon. Rev., London Jan 1796).

Copies: G, MO, NY.
Facsimile ed.: Westmead (Gregg Press) 1965, *in* vol. 1 of Haworth, Complete works on succulent plants. *Copy*: FAS.

2489. *Miscellanea naturalia*, sive dissertationes variae ad historiam naturalem spectantes. Londini [London] (Typis J. Taylor) 1803. Oct. (in fours). (*Misc. nat.*).
Publ.: Jul-Dec 1803 (p. xi: Jul 1803), p. [i]-xiv, 15-204. *Copy*: US. – Issued with *Lepidoptera Britannica*, vol. 1, 1803.
Reprint: Westmead (Gregg Press) 1965, *in* vol. 2 of Haworth, Complete works on succulent plants. *Copy*: FAS.
Ref.: Griffin, Ann. Mag. nat. Hist. 10(2): 531. 1932.

2490. *Synopsis plantarum succulentarum*, cum descriptionibus, synonymis, locis observationibus anglicanis, culturaque . . . Londini (typis Richardi Taylor et Socii) 1812. Oct. (*Syn. pl. succ.*).
Orig. ed.: 1812 (p. vi: Nov 1811), p. [i]-viii, [1]-334. *Copies*: G, MICH, MO, NY, USDA; IDC 5047.
German ed.: "*Synopsis plantarum succulentarum* cum descriptionibus synonymis locis, observationibus culturaque auctore A. H. Haworth F.L.S. Er. usui hortorum Germaniae accomodata." Norimbergae [Nürnberg] (sumptibus J. L. Schrag) 1819. Oct.
Publ.: Oct 1819, p. [i]-viii, [1]-376. *Copies*: G, KNAW, M, MO, USDA.
Editor: Franz von Paula von Schrank (1747-1835), author of preface; English notes translated by Schell and Seitz. Abbreviations: K. (Kalt; orig. F for frame), C.H. (Caphaus, G.H. for Greenhouse), W (Warm, S for Stove).
Facsimile ed.: Westmead (Gregg Press) 1965, vol. 3 of Haworth, Complete works on succulent plants. *Copy*: FAS.
Ref.: Junk, Rara 149. 1926.

2491. *Supplementum plantarum succulentarum*, sistens plantas novas vel nuper introductas, sive

omissas in Synopse plantarum succulentarum: cum observationibus variis anglicanis ... adjungitur Narcissorum revisio. Multum adhuc restat-multumque restabit. Londini (impensis J. Harding, ...) 1819. Oct. (*Suppl. pl. succ.*).
Publ.: Mai 1819, p. [i]-xx, [1]-160. *Copies*: G, MO, NY, US, USDA.
Facsimile ed.: Westmead (Gregg Press) 1965, *in* Haworth, Complete works on succulent plants vol. 4. *Copy*: FAS.
Ref.: Stearn, W. T., J. Bot. 76: 114. 1938.

2492. *Saxifragëarum enumeratio* ... accedunt revisiones plantarum succulentarum. Londini (veneunt apud Wood) 1821. Oct. (*Saxifrag. enum.*).
[*Part 1*:] 1821 (MICH copy enscribed by author 15 Jan 1822) Saxifragëarum enumeratio, p. [i]-xx, [1]-62. *Copies*: MICH (separately), MO (separately), MO (with part 2), NY, USDA; IDC 5950 (with part 2).
[*Part 2*:] 1821. Revisiones plantarum succulentarum, p. [i*], [i]-ii, [3]-207, [208, err.]. *Copies*: MO (with part 1), NY (id.); USDA; IDC 5950.
Separate issue: *Revisiones plantarum succulentarum*... Londini (in aedibus R. et A. Taylor) 1821. Oct., p. [i*], [i]-ii, [3]-207, [208, err.]. *Copies*: MICH, MO.
Facsimile ed.: Westmead (Gregg Press) 1965, *in* Haworth, Complete works on succulent plants, vol. 4.

2493. *A monograph of the subordo V of Amaryllideae, containing the Narcissineae. In* R. Sweet, British Flower Garden, vol. 1(25) appendix. Chelsea (Tilling) 1831. Oct. (*Monogr. Narcissin.*).
Publ.: Jun 1831 (p. 16: 15 Mai 1831), p. [1]-[16]. *Copy*: MO. – Issued as an appendix to the issue for 1 Jun 1831 of Sweet's British Flower Garden (ser. 2, no. 25).
Second edtion: Nov-Dec 1835. "*Narcissineärum monographia* ... the second edition, with additions and improvements." London (James Ridgway ...) 1831, *publ.*: Nov-Dec 1831 (p. vi: Nov 1831), p. [i]-vi, [7]-22, [1, note]. *Copy*: USDA.

2494. *Complete works on succulent plants.* [Westmead, Farnborough, Hants.] (Gregg Press) 1965, 5 vols. Oct. (size) (*Compl. works succ. pl.*).
Publ.: Facsimile reprint, biographical and bibliographical introduction by William T. Stearn (1: 5-80). *Copies*: FAS, US. – Vol. 1 has a frontisp. portrait of H.

Hay, George Upham (1844-1913), Canadian algologist and high school teacher at St. John, New Brunswick. (*G. Hay*).

HERBARIUM and TYPES: Algae partly at ACAD, partly destroyed. Further material at GH, MO, NBM.
Ref.: Taylor, W. R., Marine algae northeastern Coast N. America, Ann Arbor 1957 (part of herbarium destroyed by fire at the St. Andrews Biological Station).
Colinvaux, L. H., Taxon 15: 166. 1966 (material at ACAD).
Koster, J. T. Taxon 18: 553. 1969.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 142; BL 1: 139; CSP 12: 318, 15: 696; De Toni 1: lxii; IH 2: 262; Kew 2: 611; LS 11545-11547; Tucker 1: 327.
Anon., Proc. Trans. Nova Scotia Inst. 13: cxiv. 1915; Proc. Trans. R. Soc. Canada ser. 3. 7: xix-xxi. 1913 (portr.).

Hay, William Delisle (*fl.* 1887), British popular science author. (*W. Hay*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 804; Kew 2: 612; Langman p. 345; LS 11548-11550.

EPONYMY: *Hayaster* D. Bukry (1973), *Hayella* S. Gardner (1969), *Hayella* P. H. Roth (1969) and *Hayesites* (1971) are dedicated to William W. Hay, American micropaleontologist. The etymology of *Haya* I. B. Balfour (1884) could not be ascertained.

2495. *An elementary text-book of British fungi.* Illustrated ... London (Swan Sonnenschein, Lowrey & Co.) 1887. Oct. (*Elem. text-book Brit. fungi*).

Publ.: Jan 1887 (possibly somewhat earlier) (p. vi: Oct 1886, Nat. Nov. Jan(2) 1887; Bot. Zeit. 25 Mar 1887), p. [i]-vii, [1]-238, [1, note], *pl. 1-59*, with text, uncol. liths., 5 expl. tables. *Copies*: FH, Stevenson, USDA.

2496. *The fungus-hunter's guide*, and field memorandum-book. With analytical keys to the orders and genera, illustrated, and notes of important species . . . London (Swan Sonnenschein, Lowrey & Co., . . .) 1887. Oct. (*Fungus-hunter's guide*).
Publ.: Jan-Mai 1887 (Nat. Nov. Jun(1) 1887; Bot. Zeit. 29 Jul 1887), p. [1]-157. *Copies*: FH, NY, USDA.
New ed.: 1906 (Nat. Nov. Aug(1) 1906), n.v.

Hayata, Bunzô (1874-1934), Japanese botanist at Tokyo. (*Hayata*).

HERBARIUM and TYPES: TI; further material at A, C, K, P.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 652; Barnhart 2: 143; BJI 2: 70-71; BM 6: 444; Bossert p. 168; Hortus 3: 1194 ("Hayata"); IF suppl. 1: 81, 2: 36, 3: 210; IH 1 (ed. 6): 359, 2: 262; Kew 2: 612; Langman p. 354; Moebius p. 62; MW p. 162-165; NI 814; Tucker 1: 327, 775; Zander ed. 10, p. 668.
Gagnepain, F., *in* Lecomte, H., Fl. gén. Indoch., vol. prél. 42. 194. (portr.).
Merrill, E. D., ("Merill"), Trans. nat. Hist. Soc. Formosa 24(135): 389-390. 1934.
Satake, Kimura et al., J. Jap. Bot. 35(2): 18-32. 1960.
Verdoorn, F., Chron. bot. 1: 207. 1935 (portr.).

EPONYMY: *Hayataella* Masamune (1934).

2497. *Flora montana Formosae* an enumeration of the plants found on Mt. Morrison, the Central Chain, and other mountanous regions of Formosa at altitudes of 3,000-13,000 ft. . . . Tokyo (Journal College of Science, . . .) 1908. (*Fl. mont. Formos.*).
Publ.: 23 Jul 1908 (inside back cover; p. 3: 14 Mar 1908; Nat. Nov. Sep(2) 1908), cover, p. [ii, err.], [1]-260, *pl. 1-41* with text (uncol., auct.). *Copies*: BR, FH, NY, USDA. – Reprinted from J. Coll. Sci. Tokyo 25(19). 1908. – see also Matsumura and Hayata, Enum. pl. Formos. 1906 (sub Matsumura).

2498. *The vegetation of Mt. Fuji* with a complete list of plants found on the mountain and a botanical map showing their distribution . . . Tokyo, Osaka & Kyoto (The Maruzen-Kabushiki-Kaisha . . .) 1911. (*Veg. Mt. Fuji*).
Publ.: Jan-Apr 1911 (Nat. Nov. Apr (1) 1911), p. [i-viii], [1]-125, [126, err.], *pl. 1-8*. *Copies*: BR, G, HH, MO, NY, US, USDA.

2499. *Icones plantarum formosanarum* nec non et contributiones ad floram Formosanam. Or, icones of the plants of Formosa, and materials for a flora of the island, based on a study of the collection of the botanical survey of the Government of Formosa . . . Taihoku (Government of Formosa), vols. 1-10, 1911-1921. Qu. (*Icon. pl. formos.*).

vol.	pages (covers incl., copy US)	*plates* (w. text)	dates
1	[i-v], [1]-265, [1, jap.]	*1-40*	10 Sep 1911
2	[i*-vii*], [i]-ii, 1-156, [1, jap.]	*1-40*	15 Oct 1912
3	[i*-ix*], i-iv, 1-222, [1, jap.]	*1-35*	25 Dec 1913
4	[i*-ix*], [i]-vi, [1]-264	*1-25*	25 Nov 1914
5	[i*-vii*], [i]-vi, 1-358, [1, jap.]	*1-17*	25 Nov 1915
6	[i-viii], 1-168, [1, jap.]	*1-20*	25 Dec 1916
6 suppl.	[i*], i-vi, [1]-155	-	25 Feb 1917
7	[i-viii], 1-107, [1, jap.]	*1-14*	25 Mar 1918
8	[i-ix], 1-164, [1, jap.]	*1-15*	25 Mar 1919
9	[i-ix], 1-155, [1, jap.]	*1-7*	25 Mar 1920
10	[i*-vii*], [i]-iv, 1-335, [1, jap.]	-	25 Mar 1921
Supplementa (by Yoshimatsu Yamamoto)			
1	[i, iii, err. slip, v, vii], i-ii, 1-47	*1*	15 Mar 1925

vol.	pages (covers incl., copy US)	*plates* (w. text)	dates
2	[i-vii], [1]-40	*1-2*	10 Mai 1926
3	[i, 2 err. slips, iii-vii], [1]-48	*1-2*	10 Apr 1927
4	[i-v], [1]-28	*1-4*	10 Apr 1928
5	[i-v], i-ii, [1]-47, [1, jap.]	*1-3*	10 Apr 1932

Copies: MICH, MO, NY, U, US, USDA.
Plates: uncol. liths. of drawings by M. Ebina (1, 2), F. Hayami (3-9), Y. Yamamoto (suppl. 1-5). The *preface material* shows minor variations from copy to copy. The covers (which carry the t.p. text) have been included in the analyses.
Ref.: Diels, Bot. Jahrb. 48 (Lit.): 10. 1912(1); 49(Lit.): 62. 1913(2); 51(Lit.): 64. 1914(3). Krause, Bot. Jahrb. 56 (Lit.): 34. 1921(4-7), 57(Lit.): 1922. 26(1-10).

2500. *Materials for a flora of Formosa* supplementary notes to the Enumeratio plantarum formosarum and flora montana formosae, based on a study of the collections of the botanical survey of the government of Formosa, principally made at the Herbarium, of the Royal Botanic Gardens, Kew. Reprinted from the Journal of the College of Science, Imperial University of Tokyo, vol. xxx, article 1. 1911. Qu. (*Mat. fl. Formosa*).
Publ.: 20 Jun 1911 (back cover), p. [i, iii], [1]-471, back cover. *Copy*: US (E. D. Merrill's copy, rd at Manilla 18 Aug 1911). See MW p. 163 for further references.

Hayden, Ferdinand Vanderveer (1829-1887), American geologist and explorer; leader of the "Hayden Survey" of the U.S. Geological Survey in the Rocky Mountains, and of the Western U.S. Expedition (1871-1873); professor of mineralogy Univ. Pennsylvania 1856-1872; L.L.D. h.c. Univ. Rochester 1876, id. h.c. Univ. Penn. 1886, "the-man-who-picks-up-stones-running" (Sioux name). (*Hayden*).

HERBARIUM and TYPES: US; geol. coll. at PH.; further herbarium material at MO and PH.

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EPONYMY: *Haydenia* A. C. Seward (1912) is dedicated to Henry Hubert Hayden (1869-1923), British geologist and paleontologist, working in India.

Hayek, August (Edler) **von** (1871-1928), Austrian botanist and physician; dr. med. Wien 1895; dr. phil. Wien 1905, from 1912 at the Universität Wien. (*Hayek*).

HERBARIUM and TYPES: GB (90.000); some types probably also in other herbaria from which Hayek used material. *Exsiccatae*: (1) *Centaureae exsiccatae criticae* (fasc. 1-4, 1913-1924) sets at BM , C, G, GB, K, L, LAU, W.
(2) *Flora stiriaca exsiccata* (fasc. 1-26, 1904-1912, nos. 1-129) sets at B, BM, G, GB, GH, GZU, KRAM, L, LAU, LE, MANCH, W. – For *Schedae* see no. 2502.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 134, 12(2): 39, 12(3): 57; Backer p. 652; Barnhart 2: 143; BFM 889, 890, 1126, 1500, 2006; BJI 2: 71; BM 6: 444-445; CSP 15: 698-699; DTS 1: 108, 6(4): 148-150; GR p. 451; Hirsch p. 116; Hortus 3: 1194 ("Hayek"); IH 2: 262; Kew 2: 613-614; KR p. 274; Langman p. 354; LS suppl. 10977; MW p. 165; Rehder 2: 288, 305; TL-2/2571; Tucker 1: 327; Urban-Berl. p. 354; Zander ed. 10, p. 668.
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HANDWRITING: Phyton 15: 266. 1974.

2501. *Die Centaurea-Arten Österreich-Ungarns* . . . Mit 12 Tafeln und 3 Textfiguren. Besonders abgedruckt aus dem lxxii. Bande der Denkschriften der mathematisch-naturwissenschaftlichen Classe der kaiserlichen Akademie der Wissenschaften. Wien (aus der kaiserlich-königlichen Hof- und Staatsdruckerei) 1901. Qu. (*Centaurea Österr.-Ung.*).
Publ.: 1901 (Nat. Nov. Apr (1) 1902), p. [i], [1]-189, *pl. 1-12*, uncol. liths. by author, with text. *Copy*: M. – Reprinted from Denkschriften (see above).

2502. *Schedae ad floram stiriacum exsiccatam* . . . Wien (Druck von Oskar Hensel) 1904-1912, 26 fasc. (*Sched. fl. stiriac.*).

Lieferung	numbers	dates	Lieferung	numbers	dates
1-2	1-100	Dec 1904	15-16	701-800	Jan 1909
3-4	[1]-200, em. 59	Dec 1905	17-18	801-900	Jan 1909
5-6	201-300	Dec 1905	19-20	901-1000	Jan 1910
7-8	301-400, em. 162	Dec 1906	21-22	1001-1100	Jan 1910
9-10	401-500	Dec 1906	23-24	1101-1200	Jan 1912
11-12	501-600	Dec 1907	25-26	1201-1282	Jan 1912
13-14	601-700, em. 496	Jan 1908			

Copy: G.
Ref.: Widder et Teppner, Phyton 15: 267-269. 1974.

2503. *Flora von Steiermark* eine systematische Bearbeitung der im Herzogtum Steiermark wildwachsenden oder im Grossen gebauten Farn- und Blütenpflanzen nebst einer pflanzengeografischen Schilderung des Landes mit Benutzung eines vom naturwissenschaftlichen Verein für Steiermark angelegten Standortskataloges bearbeitet von Dr. August von Hayek . . . Berlin (Verlag von Gebrüder Borntraeger . . . ; 2(2): Akademische Druck u. Verlagsanstalt, Graz) 1908-1956. Oct. (*Fl. Steiermark*).

Vol. 1: 1908-1911, p. [i-ii], [1]-1271.
Vol. 2(1): 1911-1914, p. [i-ii], [1]-870.
2(2): 15 Jul 1956, p. [i]-vi, [1]-147.

Copies: B, BR, G, HH, MO, NY (orig. covers), WU.

vol.	pages	dates	vol.	pages	dates
1	1-80	1 Jun 1908	1	1121-1200	21 Dec 1910
	81-160	15 Jul 1908		1200-1271	15 Apr 1911
	161-240	29 Aug 1908	2(1)	1-80	15 Jul 1911
	241-320	10 Oct 1908		81-160	3 Nov 1911
	321-400	14 Nov 1908		161-240	26 Jan 1912
	401-480	30 Dec 1908		241-320	30 Mar 1912
	481-560	20 Feb 1909		321-400	17 Jun 1912
	561-640	20 Apr 1909		401-480	27 Nov 1912
	641-720	16 Jun 1909		481-560	15 Mai 1913
	721-800	14 Aug 1909		561-640	20 Aug 1913
	801-880	18 Oct 1909		641-720	23 Jan 1914
	881-960	30 Dec 1909		721-800	31 Mai 1914
	961-1040	25 Mai 1910		801-870	1 Dec 1914
	1041-1120	6 Aug 1910	2(2)	1-147	15 Jul 1956

Ref.: Diels, F. L. E., Bot. Jahrb. 42 (Lit.): 11. 1908, 45 (Lit.): 23. 1911, 46 (Lit.): 18. 1912.
Lawalrée, A., Nat. mos. 13(2/3): 50. 1960.

2504. Prodromus florae peninsulae Balcanicae, *in* Fedde, *Rep. Sp. nov. Beihefte* 30. Dahlem bei Berlin (Verlag des Repertoriums) 1924-1933, 3 vols. Oct.

vol.	part	pages	dates of issue
1	1	iv-vii, [viii-ix], [1]-160	1 Apr 1924
	2	161-352	25 Aug 1924
	3	353-512	15 Feb 19325
	4	513-672	15 Dec 1925
	5-6	673-960	15 Oct 1926
	7-8	[i], [iii], 961-1193	30 Jun 1927
2	1	[1]-96	24 Nov 1928
	2	97-240	20 Jul 1929
	3	241-336	15 Nov 1929
	4	337-576	15 Oct 1930
	5	577-768	15 Feb 1931
	6	769-960	20 Sep 1931
	7	[i-iv], 961-1152	31 Dec 1931
3	1	[1]-208	15 Aug 1932
	2	209-368	20 Dec 1932
	3	[i-iv], 369-472	31 Mar 1933

Copies: U; IDC 746.
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Ref.: Krause, Bot. Jahrb. 61(Lit.): 103. 1928.
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Haynald, Stephan Franz Ludwig [Lajos], Cardinal (1816-1891), Hungarian botanist and clergyman, coadjutor, later bishop, of Siebenbürgen (1851-1867); from 1867 archbishop of Kalocsa; cardinal from 1879. (*Haynald*).

HERBARIUM and TYPES: BP (includes e.g. herb. von Heuffel, Schott, Kotschy and the Ecuador collections of P. Sodiro). Hayanald's botanical library is also at BP.
Ref.: Knapp, Verh. zool.-bot. Ges. Wien 41: 785-790. 1891 (biogr. incl. a list of collectors represented in his herb.).

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Barnhart 2: 144; Bossert p. 168; CSP 10: 169, 15: 700; DTS 1: xx, 372; IH 2: 263; Jackson p. 7; Kew 2: 614; Rehder 5: 374; SK 1: cxxix; TL-2/1920; Tucker 1: 327-328.
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2505. *Ceratophyllum pentacanthum* . . . Claudiopoli [Cluj] (Typ. heredum Nic. K. Papp) 1881. Oct.
Publ.: Aug-Dec 1881 (p. 8: Jul 1881; Bot. Zeit. 30 Dec 1881; Nat. Nov. Jan(2) 1882; Flora 11 Apr-11 Mai 1882), p. [1]-8. *Copy*: G. – Reprinted from Mag. Növ. Lap. 5: 109-126. 1881. To be cited from journal.

2506. *Castanea vulgaris* Lam. (C. vesca Gartn.). I. Solum, in quo in Hungaria crescit. II. Incolatus ejus in Hungaria. Kalocsa (typis Malatin et Holmeyer typographorum archiepiscopalium) [1882]. Oct. (*Castanea vulgaris*).
Publ.: Jan-Feb 1882 (p. 16: 22 Sep 1881; Nat. Nov. Mar(1) 1882; Flora rd. 11 Mar-11 Apr 1882), p. [1]-16. *Copy*: G. – No 1 is a reprint of an article in Nuov. Giorn. bot. ital. 10: 229-235. 1878.

Hayne, Friedrich Gottlob (1763-1832), German botanist and pharmacist at Berlin. (*Hayne*).

HERBARIUM and TYPES: Unknown; some material at H.
Ref.: Kukkonen, I., Herb. Christ. Steven 53. 1971.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 84; Backer p. 652; Barnhart 2: 144; BM 2: 805; Bossert p. 168; CSP 3: 240; Dryander 5: 77; Frank 3(Anh.): 42; Hortus 3: 1194 ("Hayne"); Kew 2: 614; Jackson p. 202; Langman p. 354; Lasègue p. 540; LS 11570; Moebius p. 397, 398; MW p. 165; NAF 28B(2): 334; NI 815-818; Plesch p. 251-252; PR 3862-3864 (ed. 4224-4228); Ratzeburg 231-235; Rehder 5: 374; TL-2/2214-2215, see F. Guimpel; Tucker 1: 328; Zander ed. 10, p. 668.
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COMPOSITE WORKS: (1), continued Guimpel, *Abbild. deut. Holzart.* 1815-1820, TL 2/2214.
(2) descriptions in Guimpel, *Abbild. fremd. Holzart.* 1825, TL 2/2215.
(3) With J. F. P. Dreves, Choix de plantes d'Europe, 5 vols. 1802.

EPONYMY: *Haynea* Willdenow (1803); *Haynea* H. C. F. Schumacher (1827). *Note*: The etymology of *Haynea* H. G. L. Reichenbach (1828) could not be established.

2507. *Termini botanici* iconibus illustrati oder botanische Kunstsprache durch Abbildungen erläutert von Friedrich Gottlob Hayne . . . mit einer Vorrede versehen von D. Carl Ludwig Willdenow . . . Berlin (bey Wilh. Oehmigke d. Jüngern) 1799-1812. 2 vols. Qu. (*Term. bot.*)

Orig. issue: In 14 parts between 1799 and 1812; contents and dates of parts incompletely known.
Vol. 1: 10 parts, 1799-1804[1806], [i*-vi*], [i]-ii, [1]-104, *pl. 1-50*. (p. ii: 3 Mar 1799).
Vol. 2: 4 parts, 1807-1812, p. [i-iii], engr. t.p. 1807, 105-182, err. slip, *pl. 51-69*.
Copies: B (Heft 1: [i*-vi*], [i]-ii, [1]-10, *pl. 1-5*), BR, G, L, James White (copy with Hefte 1-9), MO (see below), NY, USDA. – A printed title and a newly engraved page for vol. 1, dated 1807, were issued with Heft 11.
Plates: handcol. copper engr. by Hayne and Friedrich Guimpel; engraved t.p.'s idem.
Copy in orig. covers (Hefte 1-10), MO. Heft covers partly undated, contents: 1(1-10, *pl. 1-5*), 2(11-22, *pl. 6-10*), 3(23-30, *pl. 11-15*), 4(31-42, *pl. 16-20*), 5(lacking), 6, dated 1802(51-62, *pl. 26-30*), 7, dated 1802 (63-70, *pl. 31-35*), 8, dated 1803(71-82, *pl. 36-40*), 9, dated 1803(79-90, *pl. 41-45*), 10, dated 1804(89-101, *pl. 46-50*).
Reissue: 1817, Berlin (Neue Societäts-Verlag-Buchhandlung), n.v., see Sotheby no. 326 (with repr. of t.p.).

2508. *Getreue Darstellung und Beschreibung der in der Arzneykunde gebräuchlichen Gewächse*, wie auch solcher, welche mit ihnen verwechselt werden können. Berlin [imprints see below], 1805-1846. Qu. 14 Bände in 8 Volumes. (*Getreue Darstell. Gew.*).
Publ.: each Band (except Bd. 14) contains 48 (Bd. 14: 24) beautifully coloured plates showing only one species (mostly phanerogams; some cryptogams in Bd. 5, 6, 8). In each Band the plates are numbered *1-48* (Bd. 14: *1-24*). Each plate is accompanied by a text-leaf, numbered in each Band (1)-(48) (Bd. 14: (1)-(24) (recto; verso not numbered). Each Volume (except 7 and 8) contains a combined register to both Bände in that Volume. Band 13 contains a "Vorwort" by Emilie Hayne-Fischer, dated "Berlin, im März 1838", and a "General-Register" for Bd. 1-13. The volumes were published in Hefte, possibly 6 per vol.

Title of *Band 13*: "Dr. Friedrich Gottlob Hayne's, . . . *Getreue Darstellung* . . . verwechselt werden können, fortgesetzt von Dr. J. F. Brandt, . . . und Dr. J. T. C. Ratzeburg, . . ."
Band 14: no general title page seen; title on title page of wrapper of Heft 2 is the same as title of Band 13, except: "fortgesetzt von Dr. J. F. Klotzsch, . . ."

Band	pages	*plates*	dates	authors	imprint
1	[i-x], port.	*1-48* + text	[1804]-1805	F. G. Hayne	Berlin, author
2	[1], [1-2, ind., terms]	*1-48* + text	1809	F. G. Hayne	Berlin, author
3	[i],	*1-48* + text	1813	F. G. Hayne	Berlin, author
4	[i], [1-2, ind., err.]	*1-48* + text	1816	F. G. Hayne	Berlin, author
5	[i],	*1-48* + text	1817	F. G. Hayne	Berlin, author
6	[i], [1-2, ind., term.]	*1-48* + text	1819	F. G. Hayne	Berlin, author
7	[1],	*1-48* + text	1821	F. G. Hayne	Berlin, author
8	[i], [1, ind.]	*1-48* + text	1822	F. G. Hayne	Berlin, author
9	[1],	*1-48* + text	1825	F. G. Hayne	Berlin, author
10	[i], [1, ind.]	*1-48* + text	1827	F. G. Hayne	Berlin, author
11	[i]	*1-48* + text	1830	F. G. Hayne	Berlin, author
12	[i], [1, ind.]	*1-48* + text	1833	F. G. Hayne, J. F. Brandt, J. T. C. Ratzeburg	Berlin, author
13	[i]-x, [1-2, subscr.]	*1-48* + text	1837		Berlin, author
14(1)	–	*1-12* + text	1843	J. F. Klotzsch	Nicolai
14(2)	–	*13-24* + text	1846	J. F. Klotzsch	Nicolai

Copies: G, MICH, NY, U, USDA.
Plates: 648 hand-coloured plates (copper engr. except those of vol. 14 (1-24) which are lithographed) of drawings by F. Guimpel and others (see NI).
Ref.: Sotheby no. 325 (collation; sold at £ 2.400).

2509. *Dendrologische Flora* oder Beschreibung der in Deutschland im Freien ausdauernden Holzgewächse. Ein Handbuch für Kameralisten, Forstmänner, Landwirthe, Gartenbesitzer u.s.w. . . . Berlin (C. G. Flittnersche Buchhandlung) 1822. Oct. (*Dendrol. Fl.*).
Publ.: Mai-Dec 1822 (p. iv: 25 Apr 1822), p. [ii*-iii +], [i]-xl, [1]-245, *1 pl. Copies*: B, G, M, NY, USDA – Alternative t.p. [p. ii*]: "Dendrologische Flora der Umgegend und der Gärten Berlins." (only t.p. in copy M).

Haynes, Carolyn Coventry (1858-1951), American hepaticologist at New York. (*Haynes*).

HERBARIUM and TYPES: NY (the original herbarium of M. A. Howe); material at BM, FH, MICH, W. Exsiccatae: *American hepaticae*, dec. 1-12, nos. 1-120, Highlands, N.J. 1908-1913. Sets at BM, DBN, FH, G, NY.
Ref.: O.E.J., Bryologist 19(5): 79. 1916.
Sayre, G., Mem. New York Bot. Gard. 19(2): 211-212. 1971; Bryologist 80: 509. 1978.

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COMPOSITE WORKS: NAF, *Sphaerocarpales* (with M. A. Howe), 14(1): 2-8, 19 Jan 1923 (TL-2/781).

Hayward, Ida Margaret (1872-1949), British botanist residing at Galashiels in Scotland; student of the adventive flora of the Tweed area. (*Hayw.*).

HERBARIUM and TYPES: E; further material at BM, CGE and OXF.
Ref.: Kent, D. H., Brit. herbaria 59. 1957.
Hedge, I. C. and J. Lamond, Index coll. Edinburgh herb. 89. 1970.

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2509a. *The adventive flora of Tweedside*. Arbroath (T. Bunckle & Co.) 1919. Oct. (*Advent. fl. Tweedside*).
Co-author: George Claridge Druce (1850-1932).
Publ.: Aug-Dec 1919 (preface: Jul 1919; J. Bot. Apr 1920), p. [i]-xxxii, [1]-296. *Copy*: G.

Hazslinszky von Hazslin, Friedrich August (Frigyes Ágost) (1818-1896), Hungarian cryptogamic botanist; high school teacher at Eperies. (*Hazsl.*).

HERBARIUM and TYPES: BP (lichen herb.). Other material at B, BP, F, FI, IBF, L, POP, SAM, UPS, W, WAG.
Ref.: Verseghy, K., Feddes Repert. 68: 107. 1963.

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2510. *A magyar birodalom zuzmó-flórája.* A kir. magyar természettudományi társulat megbizásából . . . Budapest (Kiadja a k.m. természettudományi társulat) 1884. Oct.
Publ.: Feb-Apr 1884 (p. iii: Feb 1884; J. Bot. Jul 1884; Hedwigia Apr 1884; Nat. Nov. Mai(2) 1884; Bot. Zeit. 25 Jul 1884), cover, p. [i]-viii, [1]-304. *Copies*: FH, HBG, NY, USDA. – Lichen flora of Hungary.

2511. *A magyar birodalom moh-flórája.* A k.m. természettudomány társulat megbizásából . . . Budapest (Kiadja a k.m. természettudományi társulat) 1885. Oct.
Publ.: 1885 (p. viii: 4 Mai 1885), cover, p. [i]-viii, [1]-280. *Copies*: NY, USDA. – Moss flora of Hungary.

2512. *Magyarország s társországainak Sphaeriái* [Die Sphärien Ungarns und seiner Nebenländer] Budapest 1892.
Publ.: 1892 (Nat. Nov. Jan 1893), p. [1]-333, *pl. 1-15*, uncol. liths. *Copies*: NY, Stevenson. – Math. Termt. Közlem. 25: 65-397. 1894.

2513. *Magyarhon és tásországainak husos gombái* . . . Budapest (Kiadja a Magyar tudományos Akadémia) 1895. Oct.
Publ.: 1895, p. [1]-216, *pl. 1-5* (uncol., auct.). *Copy*: FH. – Reprinted from Math. Termt. Közlem. 26: 155-370. 1895. – "Hymenomycetes of Hungary and of the lands of the Hungarian Kingdom."

Hebenstreit, Johann Christian (1720-1795), German botanist; educated at Leipzig; from 1749-1751, 1755-1761 at St. Petersburg; from 1751-1754 in the Ukraine; from 1761 at Leipzig. (*Hebenstr.*).

HERBARIUM and TYPES: LE; other material at OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 145; Bret. p. 49; Clokie p. 180; Dryander 2: 39, 3: 81, 251, 297, 609; IH 2: 263; Lasègue p. 335, 440, 504; Lipschitz 2: 235; MW p. 165; PR (alph.); Rehder 5: 375; TR 516-517.
Grosse, Mitt. Landesver. sächs. Heimatschutz 10 [7 p.]. 1921.
Hulth, J. M., Bref Skrifv. Linné 1(8): 195. 1922, 2(2): 27, 28, 51, 214. 1943.
Jourdan, Dict. Sci. méd. 5: 106-107. 1822.
Stafleu, F. A., Linnaeus and the Linnaeans 242. 1971.

NOTE: Hebenstreit published two papers in the *Nov. Comm. Acad. Sci. Petrop.* 5: 319-329 and 330-337.1760, a volume for which no further precise date can be provided (see Rothmaler, Rep. spec. nov., 53(1): 23. 1944); the same holds for his *Pl. rar. descr. compl.*, in the same journal 8: 315-338. 1763.

EPONYMY: *Hebenstreitia* Linnaeus (1774, *orth. var.*); *Hebenstretia* Linnaeus (1753).

Hechel, Wilhelm (x-1905), Northern German botanist; high school teacher at Friedrichsroda; founding member of the Bot. Ver. Brandenburg (1859). (*Hechel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 146; CSP 7: 932.

Anon., Verh. bot. Ver. Brandenburg 47: lxix. 1905 (1906).
Geheeb, A., Rev. bryol. 6(3): 47. 1879.
Szafer, W., Concise hist. bot. Cracow 112, 113, 114, 126, 128. 1969.

2514. *Ueber das Vorkommen von Equisetum hiemale* L. b, Schleicheri Milde = paleaceum Schleicher bei Brandenburg an der Havel . . . Brandenburg a.d. H. (J. Wiesike's Buchdruckerei) 1876. Oct. (*Vorkomm. Equis. hiem.*).
Publ.: Apr 1876 (p. 8: 22 Mar 1876; Hedwigia Mai 1976), p. 1-8, *1* uncol. lith. by A. Köpke. *Copy*: MO. – Reprinted from Programm der höheren Töchterschule zu Brandenburg a.d. H. Ostern [Easter] 1876.

Heckel, Édouard Marie (1843-1916), French naval apothecary and botanist; Dr. sci. nat. Montpellier 1875; from 1877 professor of botany and (founder and) director of the botanic garden at Marseille. (*Heckel*).

HERBARIUM and TYPES: MARS(?), W.

NOTE: Heckel died on 21 Jan 1916 at Marseille, fide Rev. gén. bot. 28: 224; however Cavillier (1941) gives 22 Jan 1916, Chevallier (1916) 22 Jan 1915 and Jumelle (1915, i.e. 1916) 20 Feb 1916. The éloge by Jumelle, in H's own journal, is perhaps more likely to be correct than the other sources because of the author's narrow acquaintance with the deceased.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 652; Barnhart 2: 146; BL 1: 97, 229, 251, 300; BM 2: 807-808; CSP 7: 932; 10: 172-174, 12: 320, 15: 711-713; De Toni 1: lxii; IH 2: 264; Jackson p. 96; Kew 2: 618-619; Langman p. 354; LS 11660-11664; Moebius p. 328; MW p. 165; Rehder 5: 375-376; TL-2/1600; Tucker 1: 328-329; Zander ed. 10, p. 668.
Anon., Bot. Not. 1916: 127; Bull. Soc. bot. France 63: 27. 1916; Le Jardin 30: 19. 1916 (portr.); Torreya 16(4): 101. 1916; Rev. gén. Bot. 28: 224. 1916.
Cavillier, F. G., Boissiera 5: 53. 1941.
Chevalier, A. J. B., Bull. Soc. natl. Acclim. France 5: [1-7, pages reprint]. Mai 1916 (portr.).
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Granier, L., Rev. hortic. 721: 143-144. 1917.
Merrill, E. D., Contr. natl. Herb. U.S. 30(1): 145-146. 1947.
Jumelle, Ann. Mus. colon. Marseille ser. 3. 3: v-xiii. 1915 (bibl.; portr.).

COMPOSITE WORKS: (1) *Annales de l'institut botanico-géologique colonial* (afterwards Institut Colonial) *de Marseille*, publiées sous la direction de . . . E. Heckel, vol. 1-9, 1893-1902, later *Annales du Musée colonial de Marseille*. vols. 10-23. 1903-1916.
(2) *Revue des Sciences naturelles*, publié sous la direction de . . . E. Heckel, vol. 1, 1872/73.

EPONYMY: *Heckeldora* L. Pierre (1897); *Heckelia* K. M. Schumann (1905).

2515. Étude au point de vue botanique et thérapeutique sur le *Fontainea pancheri* (nobis). Thèse présentée et publiquement soutenue à la Faculté de Médecine de Montpellier le 1er août 1870 par Édouard Heckel . . . Montpellier (Boehm & Fils, . . .) 1870. Qu. (*Fontainea pancheri*).
Publ.: 1 Aug 1870, p. [i]-viii, [9]-65, [66, list], [1, serment], *2 pl.*, uncol. liths. *Copies*: G, USDA. – See J. Pharm. Chim. ser. 4. 16: 44-48. 1872.

2516. Étude monographique de la famille des *Globulariées* au point de vue botanique, chimique & thérapeutique . . . Essai de classification histotaxique accompagné de cinq planches lithographiées et de figures gravées dans le texte. Extrait des Bulletins de la Société scientifique Flammarion années 1888, 1889 et 1890. Paris (G. Masson) 1890. Oct. (*Globulariées*).
Co-authors: Charles Frédéric Schlagdenhauffen (1830-1907); Joseph Moursou (1846-?).
Publ.: 1890[?] or early 1894 (p. iii: 15 Sep 1889; Nat. Nov. Mar 1894; Bot. Zeit. 16 Nov 1895), p. [i-iii], A-Z, AA-ZZ, AAA-ZZZ, AAAA-EEEE, [1]-36, [i]-lxv, [1, cont.], *pl. 1-6*, uncol. liths. by A. Taxis (*1*), and author (*2-6*). *Copies*: BR, G, MO (cover dated 1894, t.p. 1890). – Ann. Fac. Sci. Marseille 3, 1893 (1894), suppl. We have no proof that the book was indeed published in 1890. The original cover has "1894" and the contemporary

receipts are also 1894 or later. – We have seen only the first part of the original publication in the Bull. Soc. sci. Flammarion 5: 53-73. 1890. For this part the date 1890 must stand (copy at MO).

2517. *Sur le Dadi-Go ou Balancounfa* (Ceranthera Beaumetzi Ed. Hkel) plante nouvelle cleistogame et distopique, usitée comme taenifuge sur la côte occidentale de l'Afrique tropicale. (Planche i, ii et iii). Marseille (Typographie et lithographie Barlatier et Barthelet) 1891. Qu. (*Dadi-Go*).
Publ.: 1890, p. [1]-30, *pl. 1-3*. *Copy*: G. – Ann. Fac. Sci. Marseille 1: 19-46. 1891 (1892).

2518. *Les kolas africains* monographie botanique chimique, thérapeutique & pharmacoligique (emploi stratégique et alimentaire: commerce) . . . (avec figures intercalées dans le texte, planches en noir et une chromolithographie). Paris (Société d'éditions scientifiques) 1893. Oct. (*Kolas afr.*).
Publ.: Mar-Jun 1893 (p. 10: 25 Feb 1893; Nat. Nov. Jul 1893; cover of MO copy: "reçu le 20 juillet"). p. [i-iv], [9]-406, *pl. 1-3* (liths.). *Copies*: MICH, MO, USDA.

2519. *Les plantes médicinales et toxiques de la Guyane française* (catalogue raisonné et alphabétique). Macon (Protat frères, imprimeurs) 1897. Oct. (*Pl. méd. Guyane franç.*).
Publ.: Jan-Feb 1897 (p. 13: Jul 1896; Nat. Nov. Mar(2) 1897; Bot. Zeit. 1 Jul 1897), p. [1]-93. *Copies*: MO, USDA. – Also issued as Ann. Mus. colon. Marseille 4: 67-159. 1898.

2520. Produits naturels des colonies et cultures tropicales publication sous la direction du professeur Dr Heckel. *Les graines grasses* nouvelles ou peu connues des colonies françaises. Paris (Augustin Challamel) 1902. Oct. (*Graines grasses*).
Publ.: Dec 1901 (t.p. 1902; p. iv: 30 Jul 1901; Nat. Nov. Dec(2) 1901), p. [i*-v*], [i]-iv, [1]-185, [1, cont.]. *Copies*: MO, USDA.

2521. *Les plantes utiles de Madagascar* (Catalogue alphabétique et raisonné) . . . Marseille (Institut colonial . . .), Paris (Augustin Challamel, . . .) 1910. Oct. (*Pl. util. Madagascar*).
Publ.: Feb-Oct 1910 (p. 14: 30 Dec 1909; Nat. Nov. Nov(1) 1910), p. [1]-372, *fig. 1-72*. Copy: USDA. – Ann. Mus. colon. Marseille 18: 5-372. 1910.

2522. *Les plantes utiles de Nouvelle-Calédonie* Nouvelles observations sur ces plantes avec planches en noir et en couleur hors texte et dans le texte . . . Marseille (Institut colonial, . . .), Paris (Augustin Challamel, . . .) 1913. Oct. (*Pl. util. Nouv.-Caléd.*).
Publ.: Jan-Jul 1913 (Nat. Nov. Aug (1) 1913) cover, p. [5]-93, *fig. 1-6*, *pl. 1-23*, *23bis*, *24-38* (uncol. liths. by Jeanneneau, 1 col.). *Copy*: USDA.

Hecker, Johann Julius (1707-1768), German botanist; high school teacher and Ober-Consistorialrath at Berlin (*Hecker*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 146; BM 2: 808; Dryander 3: 18; Jackson p. 302; Kew 2: 619; Moebius p. 422, 426; NI 824-825; PR 3875-76 (ed. 1: 4248-4250); Rehder 5: 376.
Wittrock, V. B., Acta Horti Berg. 3(2): 128-129. 1903.

EPONYMY: *Heckeria* Rafinesque (1838) might be dedicated to him, but *Heckeria* Kunth (1840) commemorates Justus Friedrich Carl Hecker (1795-1850), German physician and botanist.

2523. *Flora berolinensis*: Das ist, Abdruck der Kräuter und Blumen nach der besten Abzeichnung der Natur, zur Beförderung der Erkenntnis des Pflanzen-Reiches veranstaltet von der Real-Schule in Berlin. Centuria I (-III). Berlin (Real-Schul-Buchhandlung) 1757-1758. Fol. (*Fl. berol.*).

Cent. 1: 1757 (NZgS: 14 Jul 1757), p. [i], *100 pl*, [1-4, index].
Cent. 2: 1757 (NZgS: 14 Jul 1757), p. [i], *100 pl.*
Cent. 3: 1758 (t.p.), p. [i], *100 pl.*, [1-4, index].

Copies: NY (Cent. 1-3, indexes incompl.), USDA (Cent. 1-3), for further copies see Fischer. *Cent. 1*: reissued 1758 (see Fischer). *Plates*: nature printed, partly in colour.
The Flora was preceded by a *Specimen florae berolinensis* of 1742 (n.v.), see Fischer no. 10.
Ref.: E. Fischer, Gutenberg Jahrbuch 1933: 200 (no. 11).

Hector, Sir James (1834-1907), Scottish geologist and naturalist; educated at Edinburgh; on the Palliser Exploring Expedition to British N. America (1857-1860); to New Zealand 1861; director of the botanical garden at Wellington, N.Z. (1866-1903); of the Geological Survey of New Zealand (1865-1903). (*Hector*).

HERBARIUM and TYPES: Material at BM, K, MEL, OXF, WELT. Letters at K.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 276; Backer p. 257; Barnhart 2: 146; BB p. 144; BM 2: 808, 6: 446; Clokie p. 180; CSP 3: 246, 7: 932-933, 10: 174-175, 12: 320, 15: 714; Desmond p. 298; DNB suppl. 2.2: 236-237; IH 2: 264; Jackson p. 366; Kew 2: 619; Rehder 5: 376; Tucker 1: 329.
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Anon., Trans. Proc. Bot. Soc. Edinburgh 23(4): 368-371. 1908; Trans. Proc. N.Z. Inst. 40: 543-544. 1907.
Cheeseman, T. F., Manual New Zeal. fl. xxviii-ix. 1906.
Ewan, I., Rocky Mt. Naturalists 226. 1950.
Glenn, R., Bot. Explorers New Zealand 111-127. 1950 (portr.).
Hector, J., Trans. bot. Soc., Edinburgh 6: 80-82. 1860 (report from Fort Edmonton, Saskatchewan).
Howe, J. A., Enc. brit. ed. 11. 15: 569. 1911.
Mennell, Dict. Austral. biogr. 225. 1892.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 567. 1963.

EPONYMY: *Hectorella* J. D. Hooker (1864).

Hedgcock, George Grant (1864-1946), American forest mycologist-pathologist; Ph. D. Washington Univ. 1906; at the University of Nebraska 1895-1901, at USDA Lincoln Nebraska 1901-1902; from 1902-1907 at the Mississippi Valley laboratory, St. Louis; later at the office of forest pathology, Washington, D.C. (*Hedgc.*).

HERBARIUM and TYPES: BPI and MO; duplicates at BM, K, MO, NY, WTU.
Ref.: Stevenson, J., Taxon 4(8): 183. 1955.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 138, 324; Barnhart 2: 147; BM 2: 809; Bossert p. 169; CSP 15: 715; Hawksworth p. 183; Hirsch p. 117; IH 2: 264; Langman p. 354; LS 11666-11667, 34339-34355, suppl. 11069-11100; NAF 7(15): 1067; Pennell p. 609; Stevenson p. 1244; Tucker 1: 329.
Anon., J. New York Bot. Gard. 12: 131. 1911.
Ewan, J., Rocky Mountain Naturalists 226. 1950.
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Murrill, W. A., Hist. found. bot. Florida 36. 1945.
Shope, Mycologia 21: 295, 296. 1929 (mycol. coll. in Colorado 1909-1921).
Spaulding, J. Forestry 44(12): 1090-1091. 1946; Phytopathology 37(9): 603-608. 1947 (selected bibl.; portr.).
Stevenson, J., Mycologia 39: 131-132. 1947.

Hedlund, Johan Teodor (1861-1953), Swedish botanist; studied at Uppsala under T. M. Fries; from 1904 lector, later (1917) professor of botany and zoology at the agricultural college of Alnarp. (*Hedl.*).

HERBARIUM and TYPES: S. – Issued *Lichenes exsiccati* (sets at KIEL, LD, WA).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 147; BJI 2: 71; BM 2: 809; Bossert p. 169; DTS 4: xlv, 6(4): 150; GR p. 476, *pl.* [*38*], cat. p. 64 ("Hedl."); Hirsch p. 117; Hortus 3: 1194 ("Hedl."); IH 2: 264; Kew 2: 623; Kleppa p. 56, 216, 222; KR p. 277-278; LS 11681, 34356-

34361, suppl. 11103-11106; Moebius p. 113; MW p. 165; SBC p. 122 ("Hedl."); Zander ed. 10, p. 668.
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Wittrock, V. B., Acta Horti Berg. 3(2): 41. 1903.

2524. *Kritische Bemerkungen über* einige Arten der Flechtengattungen *Lecanora* (Ach.), *Lecidea* (Ach.) und *Micarea* (Fr.) Stockholm (Kungl. Boktryckeriet P. A. Norstedt & Söner) 1892. Oct. (*Krit. Bemerk. Lecanora*).
Publ.: 25 Mai 1892 (submitted 9 Mar 1892; Nat. Nov. Apr (2) 1893), p. [1]-104, *pl. 1* (uncol. lith. author). *Copies*: G, U. – Bihang K. Sv. Vet. Akad. Handl. 18(Afd. 3) (3). 1892.
Thesis-issue: "Inaugural-Dissertation zur Erlangung der Doktorwürde . . . zu Uppsala . . . 25 maj 1892." p. [i-ii], [1]-104, *pl. 1* (n.v., fide KR.).

Hedrick, Joyce (Mrs Volney Kurt Jones) (1897-x), American lichenologist at Ann Arbor. (*J. Hedrick*).

HERBARIUM and TYPES: MICH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 147; GR cat p. 64 ("Hedr."); IH 2: 264; Kew 2: 623; Lenley p. 216; LS suppl. 11107; Roon p. 50; SBC p. 122 ("Hedr."); TL-2/1780.
Ewan, J. et al., Short hist. bot. U.S. 95. 1969.

Hedwig, Johann (1730-1799), German bryologist, born in Kronstadt (Brassó, hist. Hungary); Dr. med. Leipzig 1759; physician at Chemnitz (1762-1781), later at Leipzig; ultimately professor of botany and director of the botanic garden at Leipzig. (*Hedw.*).

HERBARIUM and TYPES: G. – Johan Hedwig's herbarium went, after his death, to his son R. A. Hedwig. In 1810 Schwägrichen bought the Hedwig moss herbarium. The Hedwig-Schwägrichen herbarium was sold by auction and came to the hands of J. E. Duby, after whose death the collections were again put up for sale. Duby's exotic mosses and some of the European collections went to William Barbey for the Boissier herbarium (1886) together with what was then already called the Schwägrichen-Hedwig type herbarium. This herbarium was transferred to the general collection of G in 1958. In addition, A. P. de Candolle had acquired duplicates of musci directly from Hedwig. These are also at G. The other European mosses of Duby went to L. Motelay at Bordeaux. Their present location is unknown.
Ref.: Briquet, Bull. Soc. bot. Suisse 50a: 214-215. 1940.
Duby, Rev. bryol. 1(4): 50. 1874.
Florschütz, P. A., Introduction to Hedwig's Species muscorum, in *facsimile* ed. Weinheim 1960, pp. xviii-xix.
Barbey, W., List of collections bought from Mme Duby in 1886 (mss. Genève).

BIBLIOGRAPHY and BIOGRAPHY: ADB 11: 230-231; Ainsworth p. 62, 66, 68, 312; Barnhart 2: 148; BM 2: 809-810; Bossert p. 169; DTS 1: 108; Dawson p. 404-405, 937 [index]; DSB 6: 218-220 (bibl.); Frank 3(Anh.): 42; GR p. 433, *pl.* [22], cat. p. 64; Hortus 3: 1194 ("J. Hedw."); IF p. 702; Jackson p. 148, 150, 153, 192; Kanitz no. 68; Kew 2: 624; Lenley p. 216; LS 11683-11687; MD p. 139-144; Moebius p. 163, 451; NAF 1(1): 160, ser. 2. 3: 36; NDB 8: 191-192; NI 826-832; Plesch p. 252-253; PR 3878-3885 (ed. 1: 4255-4262); Rehder 5: 376; SBC p. 122 ("Hedw."); SO 692, 693, add. 719a, 761; Stevenson p. 1244; TL-2/350.
Anon., Neue Schr. Ges. naturf. Freunde Berlin 2: 440-449. 1799; Proc. Linn. Soc. London 1888/90: 36. 1891.
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Darlington, W., Reliq. Baldw. 181. 1843.
Deleuze, Ueber das Leben und die Werke Gaertner's und Hedwig's. Stuttgart 1805 (n.v., fide PR ed. 1, p. 357).
Dörfler, I., Botaniker-Porträts 3/4: 33. 1907.
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Ewan, J. et al., Short hist. bot. U.S. 89, 90. 1969.
Györffy, Rev. bryol. ser. 2. 3(4): 161-165. 1930 (portr.; birthdate 10 Dec 1730).
Jourdan, Dict. Sci. méd. 5: 121-125. 1822 (bibl.).

Lütjeharms, W. J., Gesch. Mykol. 241-242, 257 [index]. 1936.
Meusel, Lex. teut. Schriftst. 5: 279-282. 1805.
Milner, J. D., Cat. portr. Kew 59. 1906.
Rodgers, A. D., William Starling Sullivant 135, 149, 151, 164. 1940.
Sayre, Huitième Congr. int. Bot. paris 1954, Rapp. Comm. sect. 14, 15 et 16: 108-113. 1954 (on choice of Hedwig's *Species* (1801) as starting point for musci).
Schwaegrichen, C. F., *in* Hedwig, J., Sp. musc. frond. 318-327. 1801 (bibl.).
Stafleu, F. A., *in* J. J. H. de Labillardière, Nov. Holl. pl. spec., facs. ed. xxxiv-xxxv. 1966; Linnaeus and the Linnaeans 253-255. 1971.
Wittrock, V. B., Acta Horti Berg. 3(2): 129. 1903, 3(3): xx, 137, *pl. 28*. 1905 (portr.).

EPONYMY (genera): *Hedwigia* O. Swartz (1788, *nom. rej.*); *Hedwigia* Medikus (1790, *nom. rej.*); *Hedwigia* Palisot de Beauvois (1804, *nom. cons.*); *Hedwigidium* Bruch & W. P. Schimper (1846); (journals): *Hedwigia*. Ein Notizblatt für kryptogamische Studien. Dresden. Vol. 1-82. 1852-1944; *Nova Hedwigia*. Zeitschrift für Kryptogamenkunde. Weinheim. Vol. i-x. 1959-x; *Beihefte zur Nova Hedwigia. Weinheim*. Vol. i-x. 1962-x.

2525. D. Ioannis Hedwigii, *Fundamentum historiae naturalis muscorum frondosorum* concernens eorum flores, fructus, seminalem propagationem adjecta generum dispositione methodica, iconibus illustratis . . . Lipsiae [Leipzig] (Apud Siegfried Lebrecht Crusium) 1782, 2 vols. Qu. (*Fund. hist. nat. musc. frond.*).

Pars 1: 1782 (NZgS 7 Nov 1782), p. [i]-xxiii, [xxix], [1]-112, *pl. 1-10*.
Pars 2: 1782 (p. xi: 9 Nov 1782), p. [i]-xi, [xii, cont.], [1]-107, [108, err.], *pl. 1-10*.
Copies: G, MICH, MO, X, U, US, USDA; IDC 6203. – The plates are handcoloured copper engr. of drawings by J. Hedwig (uncoloured copies occur); the colouring was done by the engraver, the Leipzig artist J. S. Capieux.
Ref.: Sotheby 329 (collation).

2526. *Theoria generationis et fructificationis* plantarum cryptogamicarum Linnaei mere propriis observationibus et experimentis superstructa; dissertatio quae praemio ab Academia imperiali Petropolitana pro anno 1783 proposito ornata est; auctore Joanne Hedwig . . . Petropoli [St. Petersburg] (Typis Academiae imper. scientiarum) 1784. Qu. (*Theoria generat.*).
Ed. 1: 1784, p. [1]-164, [2, err.], *pl. i-xxxvii*, handcol. copper engr. by author. *Copies*: G, MICH, NY, Stevenson, USDA. – Colouring probably by J. S. Capieux.
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Ref.: Anon., Comm. reb. sci. nat. med. 28: 141-163. 1786.
Hedwig, J., *in* Usteri, Neue Ann. Bot. 9: 120-123. 1795.
Lubrecht, H., Early Amer. bot. works 1967, no. 183.

2527. *Descriptio et adumbratio microscopico-analytica muscorum frondosorum* nec non aliorum vegetantium e classe cryptogamica Linnaei novorum dubiisque vexatorum auctore Joanne Hedwig M.D. . . . Lipsiae [Leipzig] (1-2: In bibliopolio I. G. Mülleriano; 3-4: In bibliopolio Gleditschiano) [1785-] 1787-1797, 4 vols. Fol. (*Descr. micr.-anal. musc. frond.*).
Publ.: in parts (four per volume) with the title: "*Stirpes cryptogamicae novae* [aut dubiae iconibus adumbratae]" from 1785-1797.

1: 1785-1787, p. [i-xviii], [1]-109, [110, err.], *pl. 1-40*, hand-col. copper engr. by author.
2: 1789, p. [i], [1]-112, *pl. 1-40*, id.
3: 1791-1792, p. [i-xiv], [1]-100, *pl. 1-40*, id.
4: 1797, p. [i-iv], [1]-106, *pl. 1-40*, id.

Copies: G, MO, NY, U, USDA; IDC 578. – The NY copy of vol. 2 has half titles of 2 fasc. and further introductory material: [i, iii, v = h.t., viii], [1]-34 and [i = h.t. fasc. 2, iii-iv], [36]-112; plate no. 35 lacking but number 34 used twice. – Uncoloured copies occur.
Variant issue: Microscopisch-analytische Beschreibungen, see no. 2528.

2528. *Microscopisch-analytische Beschreibungen und Abbildingungen neuer und zweifelhafter Laub-Moose* wie auch anderer zu der cryptogamischen Classe des Linné gehöriger Gewächse von D. Johann Hedwig. Leipzig (1-2: In der Johann Gottfried Müllerschen Buchhandlung; 3-4: In der Gleditschischen Buchhandlung) 1787-1797, four vols. Fol. (*Micr.-anal. Beschr. Laub-M.*).

1: 1787, p. [i-xx], [1]-118, *pl. 1-40* (uncol. copper engr. by author).
2: 1789, p. [i-iv], [1]-128, *pl. 1-40* (id.).
3: 1792, p. [i-xiv], [1]-112, *pl. 1-40* (id.).
4: 1797, p. [i-iv], [1]-114, [2, index], *pl. 1-40* (id.).

Copy: G. – Variant issue, without latin t.p.'s, of the preceding *Descriptio et adumbratio.*

2529. D. Johan Hedwig's . . . *Sammlung seiner zerstreuten Abhandlungen und Beobachtungen* über botanisch-ökonomische Gegenstände. Leipzig (bey Siegfried Lebrecht Crusius) 1793-1797, 2 vols. Oct. (*Samml. Abh.*).

1: 1793, p. [i-xiv], [1]-208, *pl. 1-5* (hand-col. copper engr. by author).
2: 1797, p. [i-xii], [1]-175, [176, expl. pl.], *pl. 1* (id.).

Copies: G, HBG, HH, NY, US.

2530. Friedrich Alexander von Humboldt's . . . *Aphorismen* aus der Physiologie der Pflanzen. Aus dem Lateinischen übersetzt von Gotthilf Fischer. Nebst einigen Zusätzen von Herrn Dr. und Prof. Hedwig und einer Vorrede von Herrn Dr. und Prof. Christ. Friedr. Ludwig. Leipzig (bei Voss und Compagnie) 1794. Oct. (*Aphorismen*).
Publ.: 1794, p. [i]-xx, [1]-206, [1-2, err.]. *Copy*: BR. – See further under Humboldt, F. A. v., *Florae fribergensis specimen*, 1793, which contains the latin version of von Humboldt's aphorisms (PR 4325; see below under no. 2534).

2531. *Filicum genera et species* recentiori methodo accomodatae analytice descriptae a Ioanne Hedwig . . . iconibusque ad naturam pictis illustratae a Romano Adolpho filio . . . Lipsiae [Leipzig] (impensis bibliopolii Schaeferiani) 1799. Fol. (*Fil. gen. sp.*).
Artist: Romanus Adolf Hedwig (1772-1806), son of J. Hedwig.
Publ.: in four parts, 1799[-1803?], p. [1-70], *pl.* [*1-24*]. *Copies*: MO (*23 pl.*, 70 p. text), NY (*24* pl.) U, USDA (*6 pl.*, 21 p. text), US (70 p., *24 pl.*,), USDA (*24 pl.*, 68 p.); IDC 442. – The plates are hand-coloured copper engr.; each fascicle had 6 plates with accompanying text.

2532. Joannis Hedwig . . . *Species muscorum frondosorum* descriptae et tabulis aeneis lxxvii coloratis illustratae. Opus posthumum editum a Friderico Schwaegrichen . . . Lipsiae [Leipzig] (sumtu Joannis Ambrosii Barthii), Parisiis (apud Amand Koenig) 1801. Qu. (*Sp. musc. frond.*).
Publ.: 1 Jan 1801, conventional date, accepted at IXth International Botanical Congress, Montreal 1959; ICBN Art. 13.1(b). Actual date of publication (at least p. 1-260) 19 Apr 1801, p. [i]-vi, [1]-17, 19-352, 353 (post publ. add.), chart, *pl. 1-77*. *Copies*: G, MICH, MO, NY, U. – Designated as starting point work for the nomenclature of names of Musci (excl. Sphagnaceae). An extensive bibliographical analysis, accompanied by detailed information on the book and an evaluation of the various nomenclatural problems connected with it, is given by Margadant (MD). – The editor was Christian Friedrich Schwägrichen (1775-1853), who published supplements which are in fact an independent work (see Schwägrichen). – The 77 coloured plates are coloured copper engr. by Hedwig himself. For notes on p. 353 (post publication addition) see v.d. Wijk 1952 and MD.
Facsimile ed.: Weinheim (J. Cramer) 1960, Historiae naturalis classica vol. 16, ISBN 3-7682-7055-6, with an introduction by P. A. Florschütz. *Copies*: G, FAS, U. – See also Taxon 10: 30. 1961. – Contains p. 353.
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Hedwig, Romanus Adolf (1772-1806), German botanist; from 1801 professor of botany in Leipzig; son of Johannes Hedwig. (*R. Hedw.*).

HERBARIUM and TYPES: R. A. Hedwig's herbarium was sold by auction after his death. Some of the material may have been incorporated in his father's herbarium (see above).

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NOTE: For the unpublished "*Descriptio et adumbratio microscopico-analytica fungorum* aliarumque plantarum cryptogamicarum ad eorum familiam pertinentium", now in mss. at G, see A. P. de Candolle, Mémoires et souvenirs 143 (1862) and Arthur, Torreya 4(2): 21-23. 1904. This manuscript is the basis of references to "Hedw. f." and "Hedw. f. Fung. ined." given for several names of Uredinales first published in Candolle, Fl. Franç. (1805).

2533. *Tremella nostoch.* Commentatio quam auctoritate gratiosi medicorum ordinis in alma literarum universitate lipsiensi ad summos in arte medica honores capessendos d. iv mensis septembr. a. mdcciic. publice defendet auctor Romanus Adolph Hedwig . . . Lipsiae [Leipzig] (ex officina Bueschelia) s.d. Qu. (*Tremella nostoch*).
Publ.: 4 Sep 1798, p. [i-vii], [1]-71, [72, expl.], *1 pl. Copies*: G, NY.
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2534. *Aphorismen über die Gewächskunde.* Zum Gebrauch meiner Vorlesungen mit besonderer Rücksicht auf die Lehrsätze meines Vaters entworfen von Romanus Adolph Hedwig . . . Leipzig (in der Schäferischen Buchhandlung) 1800. Oct. (*Aphor. Gewächsk.*).
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2535. *Epistola ad D. Ioh. Hedwigivm natalitia celebrantem* scripta à M. Rom. Adolph. Hedwig, d. 8. Octob. 1793. Lipsiae [Leipzig] (ex officina Breitkopfia). [1793]. Qu. (*Epistola*).
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2536. *Observationum botanicarum fasciculus primus.* Quo ad audiendam orationem d. xvii febr. a. c. mdcccii. h.l.q.c. in academia lipsiensi professionis botanices extraordinariae adeundae causa recitandam observanter invitat D. Romanus Adolph Hedwig . . . Lipsiae [Leipzig] (ex officina Hirschfeldia) [1802]. Qu. (*Observ. bot.*).
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2537. *Genera plantarum* secundum characteres differentiales ad Mirbelli editionem revisa et aucta edenda curavit D. Romanus Adolph Hedwig . . . Lipsiae [Leipzig] (apud I. H. Reclam) 1806. Oct. (*Gen. pl.*).
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Heer, Oswald von (1809-1883), Swiss palaeobotanist, entomologist and theologist; from 1834 connected with the University of Zürich; from 1855 also with the ETH, professor of botany and director of the botanical garden. (*Heer*).

HERBARIUM and TYPES: Z; further material at B, GRA, K, HAL, LE. – Fossil material at the Geological Institute of the Technische Hochschule (ETH), Zürich.

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2539. *Flora tertiaria Helvetiae.* Die tertiäre Flora der Schweiz. Wintherthur (Verlag der Lithographischen Anstalt von J. Wurster & Compagnie) [1854-] 1855-1859, 3 vols. Fol. (*Fl. tert. Helv.*).

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2540. *Ueber die fossilen Pflanzen von St. Jorge* in Madeira von Dr. Oswald Heer. Der naturforschenden Gesellschaft in Zürich vortgetragen den 5. November 1855. Aus dem xv. Band der neuen Denkschriften der allgemeinen schweizerischen Gesellschaft für die gesammten Naturwissenschaften besonders abgedruckt. s.l.n.d. [Zürich 1857]. Qu. (*Foss. Pfl. St. Jorge*).
Publ.: 1857 (submitted 5 Nov 1855), p. [1]-40, *pl. 1-3*, uncol. liths. *Copies*: G, M, USGS. – Neue Denkschr. allg. Schweiz. Ges. Naturw. 15. – According to Flora 42: 112. 21 Feb 1859 volume 15 of the Neue Denkschriften, dated 1857, was received in Feb 1859. The article may well have been preprinted but we have no information on its precise date of publication. Malloizel (p. 29), however, cites two reviews of the publication, both from 1856; he dates the publication nevertheless at 1857.

2541. *Die miocene Flora von Spitzbergen.* Vorgetragen von Oswald Heer, professor in Zürich, bei der Versammlung der Schweizerischen naturforschenden Gesellschaft. Den 23 August 1860 in Solothurn. Solothurn (Druck von J. Gassmann, Sohn) s.d. [1860]. Oct. (*Mioc. Fl. Spitzbergen*).
Publ.: 1860 (after 23 Aug 1860), p. [1]-15. *Copy*: M. – Not in Malloizel; for later publications by Heer on this subject see Malloizel p. 36.

2542. *Untersuchungen über das Klima und die Vegetationsverhältnisse des Tertiärländes* . . . mit Profilen und einem Kärtchen Europa's. Separatabdruck aus dem dritten Band der tertiären Flora der Schweiz. Winterthur (Verlag der lithographischen Anstalt von Wurster & Comp.) 1860. Fol. (*Klima Veg.-Verh. Tertiärl.*).
Publ.: 1860, p. [i]-iv, [1]-168, [169-170 tables ctd., expl. pl.], *pl. clvi* and map (both col. liths.). *Copy*: Teyler. – See *Fl. tert. Helv.* 3 (7), 9 Dec 1859, no. 2539.

2543. *Recherches sur le climat et la végétation du pays tertiaire* . . . Winterthur (Jean Wurster & Comp.), Genève (Joël Cherbuliez), Paris (id.) s.d. [1861]. (*Rech. climat veg. tert.*).
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Ref.: J. G., Bull. Soc. bot. France 9: 185-187. Jun. 1862.

2544. *Beiträge zur* nähern Kenntnis der *sächsischthüringischen Braunkohlenflora* von Oswald Heer. Nebst einem Anhange über einige Siebenbürgische Tertiärpflanzen von C. J. Andrae. Mit zehn Tafeln . . . Berlin (Verlag von G. Bosselmann) 1861. Qu. (*Sächs.-thür. Braunk.-Fl.*).
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Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 19: 359-360. 29 Nov 1861.

2545. *Die Urwelt der Schweiz* ... Mit sieben landschaftlichen Bildern, elf Tafeln, einer geologischen Uebersichtskarte der Schweiz und zahlreichen in den Text eingedruckten Abbildungen. Zürich (Druck und Verlag von Friedrich Schulthess) [1864-] 1865. Oct. (*Urwelt Schweiz*).

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Part [2]: 1865, p. [i], front., [iii]-xxix, 497-622, map, *pl. 11* and six further landscape plates (in part possibly issued with part 1).

Copies : B, G, NY, Teyler, USDA; IDC 5239.
English: "*The primaeval world of Switzerland* ..." ed. J. Heywood, transl. W. S. Dallas, 2 vols. London 1876; see below, no. 2551.
French: "*Le monde primitif de la Suisse* ..." transl. Isaac I. Demole, Genève and Basel 1872, p. [i]-xvi, [1]-801, *pl. 1-11*, front. and six landscape plates. *Copy*: G.
Ed. 2: 1879, xix, 713 p., Zürich (Schulthess), n.v.

2546. *Flora fossilis arctica*. Die fossile Flora der Polarländer enthaltend die in Nordgrönland, auf der Melville-Insel, im Banksland, am Mackenzie, in Island und in Spitzbergen entdeckten fossilen Pflanzen. Zürich (1: Friedrich Schulthess; 2-7: J. Wurster & Comp.) 1868-1883, 7 vols. Qu. (*Fl. foss. arct.*).
Publ.: In part original publications, in part reprints from periodicals (S.V.A.H. = Sv. Vet.-Akad. Handl.). *Copies* : G, NY, Teyler, USGS; IDC 2310.

Vol.	memoir	origin	dates
1	-	Zürich, p. [i]-vii, [1]-192, map, *pl. 1-50*	1868
2	1	p. [i*], [i]-vii, S.V.A.H. 9(5): [1]-51, *pl. 1-15*.	1871
	2	S.V.A.H. 8(4), p. [1]-41, *pl. 1-10*.	Mar-Dec 1869
	3	S.V.A.H. 8(7), p. [1]-98, *pl. 1-16*.	1870
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3	1	p. [i*], [i]-vi, S.V.A.H. 12(3): [1]-11, *pl. 1-6*.	1874
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	3	S.V.A.H. 13(2), p. [1]-29, *pl. 1-5*.	Mar-Dec 1874
	4	Zürich (Zürcher & Furrer), p. [1]-24.	1874
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	3	Zürich, p. [1]-15, *pl. 1-2*. By G. Hartung.	Jan-Mar 1877
5	1	Zürich, p. [i-iii], front. [1]-38, *pl. 1-9*.	1878
	2	Mém. Petersb. 25(6): [i-ii], [1]-58, *pl. 1-15*.	Jun-Dec 1878
	3	ibid. 25(7): [i-ii], [1]-61, *pl. 1-15*.	Jun-Dec 1878
	4	S.V.A.H. 15(4): [1]-11, *pl. 1-4*.	1878
	5	S.V.A.H. 15(3): [1]-6, *pl. 1*.	1878
6(1)	1	Mém. Petersb. 27(10): [i-ii], [1]-34, *pl. 1-9*.	Nov 1880
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7	-	Zürich, p. [i], [iii], [1]-275, *pl. 48-109*, map.	Jul-Aug 1883

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For extensive references to reviews and bibliographical notes see Malloizel p. 46-51

2547. *Flora fossilis alaskana*. Fossile Flora von Alaska ... Stockholm (P. A. Norstedt & Söner, ...) 1869. Qu. (*Fl. foss. alask.*).

Publ.: Mar-Dec 1869 (submitted 26 Feb 1869), p. [1]-41, *pl. 1-10* (uncol. liths.). *Copies*: B, NY, USGS. – K. Sv. Vet.-Akad. Handl. 8(4). 1869. Also included, as vol. 2, memoir 2, in *Flora fossilis arctica* (see no. 2546). All issues of the *Handlingar* in this composite work were also published separately.

2548. *Miocene baltische Flora.* [headlines:] Beiträge zur Naturkunde Preussens. Herausgegeben von der Königlichen physikalisch-ökonomischen Gesellschaft zu Königsberg. 2 . . . Königsberg (In Commission bei W. Koch) 1869. Qu. (*Mioc. balt. Fl.*).
Publ.: 1869 (BSbF 15 Nov 1869), p. [i-v], [1]-104, *pl. 1-30. Copies*: G, NY, USGS. – Beiträge zur Naturkunde Preussens, Phys.-Oek. Ges. Konigsberg 2, 1869.

2549. *Ueber die Braunkohlen-Flora des Zsily-Thales* in Siebenbürgen . . . mit vi Steindruck-Tafeln. Pest (Druck von Khór & Wein) 1872. Oct. (*Braunk.-Fl. Zsili-Th.*).
Publ.: 1872 (BSbF Nov 1872; Bot. Zeit. 6 Dec 1872), p. [1]-25, *pl. 1-6*, col. liths. *Copies*: G, M. – Mitt. ungar. Geol. Reichsanst. 2(1), 1872.

2550. *Ueber den Flachs* und die Flachskultur im Alterthum. Eine kulturhistorische Skizze . . . Zürich (Druck von Zürcher und Furrer) 1872. Oct. (*Flachs*).
Publ.: 1 Jan 1872, p. [i], [1]-26, *1 pl. Copy*: G. – Reprinted from Neujahrsbl. Naturf. Ges. Zürich 74, 1872 (see also J. Bot. 1: 87-88. 1872).

2551. *The primaeval world of Switzerland* with 560 illustrations. By Professor Heer, . . . edited by James Heywood, . . . London (Longmans, Green, and Co.) 1876, 2 vols. Oct. (*Primaev. world Switzerland*).

1: 1876, map, p. [i]-xv, [xvi], 4 scenes, *pl. 1-10*, [1]-393.
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2552. *Ueber permische Pflanzen* von Fünfkirchen in Ungarn . . . Budapest (Gebrüder Légrady) 1876. Oct. (*Perm. Pfl.*).
Publ.: 1876 (Bot. Zeit. 22 Jun 1877), p. [1]-18, *pl. 21-24*, uncol. liths. *copy*: G. – Reprinted from Mitt. Jb. kön. ung. geol. Anstalt 5(1). 1876. – See Malloizel p. 42.

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2555. Section des travaux géologiques du Portugal. *Contributions à la flore fossile du Portugal* . . . Lisbonne [Lisboa] (Imprimerie de l'Académie royale des Sciences) 1881. Qu. (*Contr. fl. foss. Portugal*).
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2556. *Uebersicht der nivalen Flora der Schweiz.* Von Prof. Oswald Heer. † Ehrenmitglied des S.A.C. Separatabdruck aus dem Jahrbuch des S.A.C., Bd. xix. Bern (Stämpfli'sche Buchdruckerei) 1884. Oct. (size). (*Uebers. niv. Fl. Schweiz*).
Publ.: Jan-Jun 1884 (Nat. Nov. Jul(1) 1884), p. [1]-43. *Copy*: MO. – Reprinted from Jahrbuch der Schweizerischen Alpenclub, vol. 19. 1884. See also Heer's major publication on this subject, *Über die nivale Flora der Schweiz*, Neue Denkschr. allg. schweiz. Ges. Naturw. 29(1), 1884, 114 p. (*copy*: HH); see also Engler, Bot. Jahrb. 6 (Litt.): 7. 1885.

Heering, Christian August (1876-1916), German botanist and conservationist at Hamburg; fell at Verdun. (*Heering*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 148; BJI 1: 25, 2: 72; BL 1: 58, 300; BM 6: 447; CSP 15: 721; KR p. 280; Langman p. 355; NAF 11(1): 98, ser. 2. 8: 47; Nordstedt suppl. p. 8; Rehder 5: 377; Tucker 1: 330.
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Pascher, A., Susswasserfl. Deutschl. 7: iv. 1921.

2557. *Die Süsswasseralgen Schleswig-Holsteins* und der angrenzenden Gebiete der Freien und Hansestädte Hamburg und Lübeck und des Fürstentums Lübeck mit Berücksichtigung zahlreicher im Gebiete bisher nicht beobachteten Gattungen und Arten. Unter Mitwirkung von Spezialforschern, insbesondere Professor H. Homfeld (Altona), von Dr. W. Heering . . . Hamburg (Kommissionsverlag von Lucas Gräfe & Sillem) 1906-1907, 2 part. Oct. (*Süssw.-Alg. Schlesw.-Holst.*).

Part 1: Nov-Dec 1906 (p. 63: Oct 1906; Nat. Nov. Mar (1, 2) 1907; t.p. reprint 1906), p. [i], [61]-150. Reprint with special t.p. and orig. pagnation from Jahrb. Hamb. wiss. Anst. 23, 1905, Beiheft 3, publ. 1906.
Part 2: Nov-Dec 1907 (p. 235: Oct 1907; Nat. Nov. Mai (2) 1908; t.p. reprint 1907), p. [i], [205]-235. Idem 24, 1906, Beiheft 3, publ. 1907.

Copy: FH.
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Hegelmaier, Christoph Friedrich (1833-1906), German physician and botanist; Dr. med. Tübingen 1857; until 1862 military physician at Ulm; from 1862-1863 with A. Braun at Berlin; habil. Tübingen 1864, later professor of botany at Tübingen (extraordinary 1866; honorary 1902). (*Hegelm.*).

HERBARIUM and TYPES: Unknown; material at B, BR, C, L, LY. – *Exsiccatae*: *Iter gallo-hispanicum* (1875).

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 629-630, 12(2): 596; Backer p. 652; Barnhart 2: 149; BJI 1: 25; BM 2: 813; Bossert p. 169; CSP 7: 935, 10: 177, 12: 321, 15: 723; DTS 6(4): 74; Hortus 3: 1194 ("Hegelm."); IH 2: 264; Jackson p. 95, 126, 135, 306, 372; Kew 2: 626-627; Langman p. 355; Lenley p. 217; LS 11696-11698, 34364; Maiwald p. 123; MW p. 166; NDB 8: 223-224; PR 3900-3901; Rehder 5: 377; Tucker 1: 330.
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2558. *Monographie der Gattung Callitriche.* Mit 4 lithographirten Tafeln. Inauguralabhandlung der naturwissenschaftlichen Fakultät der Universität Tübingen zur Erlangung der venia legendi im April 1864 vorgelegt von Dr. Friedrich Hegelmaier. Stuttgart (Druck von Aug. Wörner, vorm. J. G.- Sprandel) 1864. Qu. (*Monogr. Callitriche*).
Thesis issue: Apr 1864 (t.p.; p. iv: Feb 1864), p. [i]-iv, [5]-64, *pl. 1-4* (uncol. liths. by author and Hammel.). *Copies*: US, USDA.
Trade issue; "*Monographie . . . Callitriche.* Von Friedrich Hegelmaier med. et chir. dr. Mit 4 lithographirten Tafeln." Stuttgart (Verlag von Ebner & Seubert) 1864. Qu. *Publ.*: Mai-Jun 1864 ("soeben," Flora 25 Jun 1864; id., Bot. Zeit. 1 Jul 1864), p. [i]-v, [7]-64, *pl. 1-4* (id.). *Copies*: G, M, MICH, MO, NY.
[*Appendix 1*]: 12 Oct 1867: *Zur Systematik von Callitriche.* [Berlin 1867], p. [1]-41, *pl.* [*1*]. *Copies*: G, USDA. – Reprinted from Verh. bot. Ver. Brandenb. 9: 1-40, *pl.* [*1*], 1867. Heft 1 of the journal was publ. 12 Oct 1867. The unnumbered plate is an uncol. lith. by the author.
Appendix 2: 1869: *Beitrag zur Kenntniss der Wasserstern*, ib. 10: 100-121. 29 Jan 1869.
See also Lebel, E., *Callitriche, esquisse monographique.* Mém. Soc. Cherbourg 9: 129-176. 1863.

2559. *Die Lemnaceen.* Eine monographische Untersuchung . . . Mit 16 lithographirten Tafeln. Leipzig (Verlag von Wilhelm Engelmann) 1868. Qu. (*Lemnac.*).
Publ.: Oct-Nov 1868 (p. iv: Mai 1868, Flora 23 Nov – 8 Dec 1868), p. [i]-vi, [1]-169, pl. 1-16, uncol. liths. by author. *Copies*: G, L, MO, U, US, USDA.
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Hegelmaier, C.F., Syst. Uebersicht der Lemnaceen, Leipzig 1895 (Bot. Jahrb. 21: 268-305. 6 Aug 1895).

2560. *Ueber die Moosvegetation des schwäbischen Jura* . . . Stuttgart (E. Schweizerbart'sche Buchdruckerei (E. Koch)) 1873. Oct. (*Moosveg. schwäb. Jura*).
Publ.: before 21 Oct 1873 (Hedwigia rev. Jan 1874; rev. Flora 21 Oct 1873; Bot. Zeit. 1 Mai 1874), p. [i], [1]-110. *Copy*: Steere. – Reprinted from Württemb. naturw. Jahresb. 29: 145-254. 1873.
Ref.: G.K., Bot. Zeit, 32: 288, 351. 1874.

Hegetschweiler-Bodmer, Johannes (1789-1839), Swiss botanist; Dr. med. Zürich 1813. (*Hegetschw.*).

HERBARIUM and TYPES: Unknown. Hegetschweiler was an ecological botanist who grew many plants in his garden for experimental taxonomic purposes. It is not known whether he made herbarium specimens, if so they may be expected in Carl Hegetschweiler's herbarium now at Z. Hawksworth cites mycological material at BERN and Z.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 191, 12(3): 320; Barnhart 2: 149; BM 2: 813; BL 2: 561, 562, 666; Blunt p. 221; CSP 3: 250; DTS 1: 108, 6(4): 31; Frank 3 (Anh.): 43; GR p. 632, cat. p. 64; Hawksworth p. 183; Hortus 3: 1194 ("Hegetschw".); Jackson p. 342; Kew 2: 627; KR p. 280; LS 11699-11700; NAF 28B(2): 334; NI 838-839; PR 3902-3907 (ed. 1: 4273-4278); Rehder 5: 377; SBC p. 122 ("Heg."); Zander ed. 10, p. 668.
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Furrer, Vierteljahrsschr. naturf. Ges. Zürich 116: 502-503. 1971 (d. 9 Sep 1839).
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EPONYMY: *Hegetschweilera* Heer & Regel (1842).

2561. Commentatio botanica sistens descriptionem *Scitaminum* L. nonnullorum nec non Glycines heterocarpae . . . cum tabb. aen. vii. Turici [Zürich] (Impensis Orellii, Fuesslini et Socc.) 1813. Qu. (*Scitaminum*).
Trade ed.: 1813, p. [1]-12, *pl. 1-7*, partly handcoloured copper engr. by J. Sturm. Copies: G, HU, L, WU.
Thesis ed.: 1813, p. [1]-12, [1-2], *pl. 1-7* (uncol. id.). *Copy*: HH. – "Dissertatio inauguralis

botanica sistens descriptionem *Scitaminum* L. nonnullorum nec non Glycines hetereocarpae. Quam consentiente gratiosa facultate medica, praeside Car. Frid. de Kielmeyer, . . . pro gradu doctoris medicinae eruditorum examini submittet auctor Johannes Hegetschweiler Riffersweilo-Turicensis." Turici [Zürich] (Typis Orellii, Fueslini et Socc.) 1813. Qu.

2562. *Reisen in den Gebirgstock zwischen Glarus und Graubünden* in den Jahren 1819, 1820 und 1822 . . . Nebst einem botanischen Anhang und mehreren lithographirten Zeichnungen. Zürich (bey Orell, Füssli und Compagnie) 1825. Oct. (*Reis. Glarus Graubünden*).
Publ.: 1825, frontisp., map, p. [i-iii], [1]-193, 1 scene, *2* unnumbered lith. *pl.* (M copy: *8 pl.* in addition to front., map and scene.). *Copies*: G, M, MO.

2563. *Sammlung von schweizer Pflanzen* nach der Natur und auf Stein gezeichnet von J. D. Labram, Text von Dr. Joh. Hegetschweiler. Basel (bei H. Bienz Sohn) s.d. [1824-1834]. (*Samml. schweiz. Pfl.*).
Artists: Jonas David Labram (1785-1852), Louise Labram.

"*Basel issue*": 1 Nov 1824 – 25 Jan 1834, 478 texts and *480 plates*. *Copy*: G (in 8 vols.) [See Wheldon and Wesley, Cat. 139, 1977, no. 30]. – Original title: *Abbildungen der Pflanzen des Kantons Basel.* – An index, "Übersicht," was published by Orell Füssli in Zürich in 1841 (see below); the anonymous author was O. Heer. From Senn's study it is likely that this "Basel issue" consisted strictly speaking only of the first 6 parts; from November onward publication took place from Zürich.
"*Zürich issue*": published in 80 parts of *6 pl.* each between 1825 and 1834, t.p. and *481* unnumbered plates (hand-coloured liths.) with text. *Copy*: NY (bound in two vols.). *Imprint*: Zürich (bei J. Esslinger Praeceptor).
St. Gallen re-issue: "*Sammlung von Schweizer-Pflanzen.* Nach der Natur gezeichnet von J. D. Labram. Text von Dr. J. Hegetschweiler. Zusammengetragen nach dem System Linné's." St. Gallen (Werner Hausknecht), [1841-1847], 100 Lieferungen, 10 Abtheilungen. *Plates* as in orig. *Copy*: MO.

1: [i], *pl. 1-52* with text.
2: [i], *pl. 53-109*, id.
3: [i], *pl. 110-139*, id.
4: [i], *pl. 140-184*, id.
5: [i], *pl. 185-226*, id.
6: [i], *pl. 227-282*, id.
7: [i], *pl. 283-340*, id.
8: [i], *pl. 341-392*, id.
9: [i], *pl. 393-444*, id.
10: [i], *pl. 445-477*, id.

Neue Folge, 100 parts of *4 pl.*, [1838-1846], *400 pl.*, by K. F. Hagenbach. *Copy*: G (plates only, vols. 9-12). For details see Senn (1940).
Ref.: Anon., Flora 9: 442-444. 28 Jul 1826.
Burckhardt, Verh. naturf. Ges. Basel 19: 1-36. 1907 (on Labram).
Senn., Verh. naturf. Ges. Basel 51(2): 179-195. 1940, 54: 304-326. 1963 (important studies, q.v. for further details).

2564. *Die Giftpflanzen der Schweiz* beschrieben von Joh. Hegetschweiler M.D. gezeichnet von J. D. Labram lithographirt von C. J. Brodtmann. Zürich (bey Johannes Esslinger Praeceptor) s.d. [1828-1834]. Oct. (*Giftpfl. Schweiz*).
Artist: Johann Daniel Labram.

Fasc. 1: early 1828, p. [i*], [i]-xxvi, [1]-14, *pl. 1-6.*
Fasc. 2: early 1828, p. [15]-30, *pl. 7-12.*
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Publ.: 1831, p. [i-iii], [1]-382, [1-6, contents, expl. pl., note], *1 pl. Copies*: G, M, MO, NY, Regensburg, USDA.

2566. *Die Flora der Schweiz* von Dr. Joh. Hegetschweiler, weiland Staatsrath des Cantons Zürich (Druck und Verlag von Fr. Schulthess) 1840. Duod. (in sixes). (*Fl. Schweiz*).

Part	pages	dates
1	[1]-144	late Mai 1838
2	145-456	Dec 1838-Jan 1839
3	457-684	Feb-Jul 1839
4	685-905	Sep 1840
5	906-1008, [1-3, err.] [i]-xxviii, [1, h.t.]	Sep 1840

First issue: as above, preface p. xxvi signed by Heer, 7 Apr 1840. Oswald von Heer (1809-1883) edited the greater part of the manuscript, and included a biography of Hegetschweiler in his preface. *Plates*: *1-8*, uncol. liths. *Copies*: MO, NY.
Second issue: "*Flora der Schweiz* von Joh. Hegetschweiler, Dr. med. und Staatsrath des Cantons Zürich. Fortgesetzt und herausgegeben von Osw. Heer, Dr. Philos., Professor der Naturgeschichte in Zürich." Zürich (Druck und Verlag von Fr. Schulthess.) 1840. Duod. (in sixes), p. [i*], [i]-xxviii, [1]-1135, [1-3, err.], *pl. 1-8*, id. *Copies*: G, MICH, NY, USDA. – This issue has an "Extra Beilage," by Heer p. 1009-1135, publ. Sep (or later?) 1840, and a different t.p. The "Beilage" was also published separately by Heer as "*Analytische Tabellen* zur Bestimmung der Phanerogamischen Pflanzengattungen der Schweiz." Zürich 1840 (see 2538).
Ref.: Buser, Neujahrblatt zum Besten des Waisenhauses in Zürich für 1913: 73-75. Thellung, ib. pp. 75-81 (synonymy).

2567. *Übersicht der von J. D. Labram und Dr. J. Hegetschweiler herausgegebenen Schweizerpflanzen.* Nach den Systemen Linné's de Candolle's und Bartling's geordnet. Zugleich als Erläuterung der Abbildungen dienlich. Zürich (gedruckt bei Orell, Füssli et Comp.) s.d. [1841]. Duod. (*Übers. Schweizerpfl.*).
Publ.: 1841, compiled by Oswald Heer (1809-1883), p. [i-iv], [1]-60. *Copy*: G. – See Senn, Verh. naturf. Ges. Basel 51(2): 186-187. 1940.

Hegi, Gustav (1876-1932), Swiss botanist; studied at Zürich with Schinz; from 1902 curator, later lecturer and professor of botany (1910) at München; consul-general for Switzerland at München. (*Hegi*).

HERBARIUM and TYPES: M. – Several types probably also in other herbaria from which Hegi studied material.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 149; Backer p. 652; BFM 9, 1167; Blunt p. 258; BM 6: 448; BL 1: 23, 300, 2: 559, 562, 574, 591, 666; DTS 6(4): 151; GR p. 641; Hortus 3: 1194 ("Hegi"); Hirsch p. 117; IH 2: 264; Kew 2: 627; LS 11701, 34365-34366; NI 840-841; Plesch p. 253; Zander p. 668.
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Schinz und Ulrich, Vierteljahrsschr. naturf. Ges. Zürich 77: 266-273. 1932 (bibl.).
Wulff, E. V., Intr. hist. pl. geogr. 25, 27, 103, 162, 206. 1943.

2568. *Das obere Tösstal* und die angrenzenden Gebiete, floristisch und pflanzengeografisch

dargestellt. Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der hohen philosophischen Facultät (mathematisch-naturwissenschaftliche Sektion) der Universität Zürich von Gustav Hegi von Zürich. Begutachtet von Herrn Prof. Dr. Hans Schinz. Extrait du Bulletin de l'Herbier Boissier. Genève (Imprimerie Romet, . . .) 1902. Oct. (*Tösstal*).
Publ.: Feb-Jan 1902 (Nat. Nov. Jul (2) 1902; as reprint), p. [i, iii, v], [1]-434, 2 maps. *Copy*: US. – Headline on t.p.: "Mitteilungen aus dem Botanischen Museum der Universität Zürich xvi." Reprinted from Bull. Herb. Boissier as follows (pages have original and reprint pagination):

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	1(3)	337-352	28 Feb 1901
	1(5)	533-548	30 Apr 1901
	1(6)	637-652	31 Mai 1901
	1(7)	689-736	30 Jun 1901
	1(8)	793-824	31 Jul 1901
	1(9)	913-944	31 Aug 1901
	1(10)	1041-1072	30 Sep 1901
	1(11)	1153-1200	31 Oct 1901
	1(12)	1233-1300	5 Dec 1901
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2569. *Beiträge zur Pflanzengeographie der bayerischen Alpenflora.* Habilitationsschrift zur Erlangung der venia legendi vorgelegt der Philosophischen Fakultät, II. Sektion, der Kgl. Bayer. Ludwig-Maximilians-Universität zu München. München (Druck von Val. Höfling) 1905. Oct. (*Beitr. bayer. Alpenfl.*).
Publ.: 1905, p. [i-iii], [1]-189, [1, cont.]. *Copy*: G. – Reprinted from Ber. bay. bot. Ges. 10. 1905.

2570. *Alpenflora.* Die verbreitesten Alpenpflanzen von Bayern, Tirol und der Schweiz. Von Dr. Gustav Hegi, . . . und Dr. Gustav Dunzinger . . . Mit 221 farbigen Abbildungen auf 30 Tafeln. München (J. F. Lehmann's Verlag) 1905. Oct. (in fours). (*Alpenflora*).
Co-author (eds. 1-3 or 4): Gustav Dunzinger (1868-1940) (mainly for ills.).

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Ed. 2: "*Alpenflora.* Die . . . von Bayern, Oesterreich und der Schweiz." München (id.) 1910. Oct. (in fours), p. [1]-68, *pl. 1-30* (col.). *Copy*: M.
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Ed. 7: München (id.) Nov 1930. Oct., n.v., see Krause, Bot. Jahrb. 64(Lit.): 21. 1931.
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Ed. 14: München (id.) s.d. [Jun 1958], p. [1]-96, *pl. 1-40*. *Copy*: HBG.
Ed. 15: München (id.) s.d. [Sep 1959], p. [1]-96, *pl. 1-32* (col.), *33-42* (uncol.). *Copies*: HBG, USDA, WU.

Ed. 16: München (id.) s.d. [Mai 1961], p. [1]-96, *pl. 1-40*. *Copy*: NY.
Ed. 17: München (id.) s.d. [Aug 1962], n.v.
Ed. 18: München (id.) s.d. [Jul 1963] Oct. (in fours), p. [1]-112, *pl. 1-40* (id.), maps 1-48, 1 general map. *Copies*: M, USDA. – See Taxon 12: 5 Nov 1963.
Ed. 19: [Jul 1964] n.v.
Ed. 20: [Sep 1965] n.v.
Ed. 21: München (id.) s.d. [Sep 1967]. *Copy*: SMU.
Ed. 22: München (id.). s.d. [1970], pl. [1]-112, *pl. 1-32* (col.), *33-40* (uncol.), maps 1-48 on p. 85-100. *Copy*: WU.
Ed. 23: n.v.
Ed. 24: Berlin und Hamburg (Verlag von Paul Parey) s.d. [Nov 1976], p. [1]-157, *pl. 1-40* (id.), maps 1-48, 1 general map. *Copies*: FAS, M.
Ed. 25: Verlag von Paul Parey. Berlin und Hamburg, s.d. [Oct 1977], p. [1]-194, *pl.* [*o*, Flechten], *1-40*, map, 48 small maps in text. *Copies*: FAS, M. – "Hegi-Merxmüller-Reisigl, *Alpenflora* . . . 25, erweiterte Auflage 1977, herausgegeben von Dr. Herbert Reisigl . . ." (See Taxon 27: 107. 1978).
English transl. of ed. 6: "*Alpine flowers* . . ." trans. Winifred M. Deans, London and Glasgow Mar 1930, n.v.
[note: we refrained from trying to find other editions and translations].

2571. *Illustrierte Flora von Mittel-Europa.* Mit besonderer Berücksichtigung von Oesterreich, Deutschland und der Schweiz. Zum Gebrauche in den Schulen und zum Selbstunterricht. München (Verlag von J. F. Lehmann) [1906-1931], 7 vols. in 13. Oct. (*Ill. Fl. Mitt.-Eur.*).
Cover Lieferung 1: ". . . von Dr. Gustav Hegi . . . illustriert unter künstlerischer Leitung von Gustav Dunzinger . . . Das Werk erscheint in 70 monatlichen Lieferungen . . . Jeder Heft enthält 4 Tafeln und erklärenden Text."
Illustrations: Gustav Dunzinger (1869-1940).
Vernacular names: Heinrich Marzell (1885- x) (vols. 2-6).
Later collaborators of ed. 1: Albert Thellung (1881-1928) [4(1), 5(1)], Emil Schmid (1891- x) [4(1), 4(2)], Robert Keller (1854-1939) [4(2)], Josias Braun-Blanquet (1884- x) [4(2), 5(1)], Helmut Gams (1893-1976) [4(2), 4(3), 5(1), 5(4), 6(2)], Werner Lüdi (1888-1968) [5(1)], Herbert K. E. Beger (1889-1955) [5(1), 5(2), 5(3), 6(2)], Heinrich Marzell (1885- x) [5(4)], August von Hayek (1871-1928) [6(1), 6(2)], Hermann Jahn [6(2)]. Hegi himself was responsible for almost two thirds of the 7800 pages (Gentner 1933).
Vienna issue of ed. 1: "A. Pichler's Vitwe & Sohn, . . . Wien V, Margaretenplatz 2," 7 vols., in all respects, except for imprint, identical with the original München issue. *Copy*: WU.

Ed. 1. Copies: MICH, MO, U(2), US.
1: [i]-clviii, 1-402, *pl. 1-41*, *fig. 1-172*, [403]-411.
2: [1]-405, *pl. 42-76*, *fig. 173-447*.
3: [1]-607, *pl. 77-121*, *fig. 448-717*.
4(1): [1]-491, *pl. 122-138*, *fig. 718-890*.
4(2): [493, 495], 497-1112a, [1112b], *pl. 139-157*, *fig. 891-1278*.
4(3): [i, iii], [1113]-1748, *pl. 158-174*, *fig. 1279-1661*.
5(1): [i, iii-v], 1-674 [repr. -678d], *pl. 175-186*, *fig. 1662-2102*.
5(2): [i-iii], [679]-1562, [1-2, cont.], *pl. 187-204*, *fig. 2103-2602*.
5(3): [1563]-2250, [1, cont.], *pl. 205-222*, *fig. 2603-3175*.
5(4): [2251]-2630, [1, cont.], *pl. 223-233*, *fig. 3176-3434*.
6(1): [1]-544, *pl. 234-263*, *fig. 1-276*
6(2): [545]-1386, *pl. 264-280*, *fig. 277-965*.
7: [i]-vi, [vii-viii, cont., dates], [1]-561, [562, err.], *fig. 966-1273*. *Gesamtregister*, bearbeitet von Dr. Gustav Hegi, unter Mitwirkung von Dr. Hans Kugler, Dr. Meta Lutz und Dr. Edwin Schlumpf.
Plates: *280*, of which *253* are chromolithographs; plain: *25*, *27*, *30*, *36-40*, *104*, *125*, *129*, *135-136*, *190*, *193-194*, *196-199*, *202-203*, *246*, *249*.
First edition, publication, chronological:

vol.	part	pages	date	reprinted
1	1	1-24	Oct 1906	
	2	25-48	Nov-Dec 1906	
	3	49-72	Nov-Dec 1906	
	4	73-120	Feb 1907	
	5	121-160	Jan-Jun 1907	
	6	161-192	Jan-Jun 1907	
	7	193-232	Jul 1907	
	8	233-272	Aug-Dec 1907	
	9	273-312	Aug-Dec 1907	
	10	313-360	Jan 1908	
	11	361-402	Sep 1908	
2	12	5-32	Nov 1908	
	13	33-56	Nov 1908	
	14	57-88	Nov 1908	
	15	89-128	Dec 1908	
	16	129-160	Jan-Mar 1909	
	17	161-184	Mar 1909	
	18	185-208	Apr-Oct 1909	
	19	209-232	Apr-Oct 1909	
	20	233-405	Oct 1909	
3	21	5-36	Nov-Dec 1909	
	22	37-72	Jan-Apr 1910	
	23	73-136	Apr 1910	
	24	137-184	Nov 1910	
	25	185-232	Mai-Nov 1910	
	26	233-280	Dec 1910	
	27	281-328	1910	
	28	329-376	1911	
	29	377-424	1911	
	30	425-472	Dec 1911	
	31	473-504	1912	
	32	505-552	Sep 1912	
	33	553-607	Dec 1912	
4(1)	34	5-48	Jul 1913	
	35	49-96	Jul 1913	
	36	97-144	Jan 1914	
	37	145-192	1916	
	38	193-320	Mar 1918	
	39	321-491	Apr 1919	
4(2)	40	497-540	Sep 1921	
	41	541-588	Jun 1922	
	42-44	589-748	Jul 1922	
	45-47	749-908	Oct 1922	
	48-50	909-1068	Feb 1923	
	51	1069-1112b	Jun 1923	
4(3)	52-54	1113-1276	Aug 1923	1964
	55-57	1277-1436	Oct 1923	
	58-60	1437-1596	Mar 1924	
	61-63	1597-1748	Jun 1924	
5(1)	64-66	1-156	Oct 1924	
	67-69	157-316	Dec 1924	
	70-72	317-476	Apr 1925	
	73-76	477-674	Aug 1925	
5(2)	77-79	679-834	Nov 1925	1966
	80-82	835-994	Dec 1925	
	83-85	995-1154	Mar 1926	
	86-88	1155-1314	Jun 1926	
	89-91	1315-1474	Sep 1926	

vol.	part	pages	date	reprinted
5(2)	92-93	1475-1562	Oct 1926	
5(3)	94-96	1567-1722	Oct 1926	1967
	97-99	1723-1882	Mar 1927	
	100-102	1883-2042	1927	
	103-106	2043-2250	Jul 1927	
5(4)	107-109	2255-2410	1927	1964
	110-113	2411-2630	Dec 1927	
6(1)	1	5-32	Apr 1913	
	2	33-72	Jun 1913	
	3	73-112	1913	
	4	113-160	1914	
	5	161-216	Apr 1914	
	6	217-256	Sep 1914	
	7	257-304	Dec 1914	
	8	305-352	Nov 1915	
	9	353-400	Dec 1916	
	10	401-448	Mar 1917	
	11	449-496	Nov 1917	
	12	497-544	Dec 1918	
6(2)	13-15	549-704	1928	1954
	16-18	705-864	1928	
	19-21	865-1008	1928	
	22-24	1009-1152	1928	
	25-28	1153-1386	Mai 1929	
7		v-viii, 1-562	Mar 1931	

Vol. 7, in parts: [i]: 1-[26], [2]: 27-134, [3]: [135]-[214], [4]: 215-380, [5]: [381]-[470], [6]: 471-528, [7]: [529]-548, [8/9]: [549]-[562]. (page indications on covers partly incorrect).

Ed. 2. Copies: U, US.
1: [i]-xxiv, [1]-528, *pl. 1-41, fig. 1-280.*
2: [i-vi], 1-532, *pl. 42-76, fig. 281-719.*
3(1): [i]-viii, [1]-452, *pl. 77-94, fig. 1-191*, err. slip.
3(2): n.v., see table.
3(3): [i-viii], [1]-356, *pl. 109-121, fig. 1-218*, err. slip.
4(1): [i]-viii, [1]-547, *pl. 122-138, fig. 1-311.*
*4(2)*A: [i-vii], [1]-448, *pl. 139-146, fig. 1-292.*
4(3): [i-iii], [1113]-1750, [1, cont.], *pl. 158-174, fig. 1279-1661* (mainly reprint; minor corr. only), *publ.* autumn 1964.
5(2): [i-v], 679-1584, *pl. 157-204, fig. 2103-2602* (mainly reprint; minor corr. only), *publ.* 1966.
5(3): [i-iii], 1567-2254i, [1, cont.], *pl. 205-222, fig. 2603-3175* (mainly reprint; minor corr. only), *publ.* 1966 or 1967.
5(4): [i-iii], 2255-2630, [1, cont.], *pl. 223-233, fig. 3176-3434* (idem), *publ.* 1964.
6(1): [i-vii], [1]-631, *pl. 234-246, fig. 1-297*, published in 8 parts.
6(2, 3): n.v., see table.
Imprint 3(1), 3(3), 4(1), 4(2)A, 5(4): Carl Verlag, München; 6(1) idem but cover: Verlag Paul Parey, Berlin-Hamburg.
Collaborators eds. 2 & 3: Ernst Bergdolt (1902-x) [1], Johannes Zimmermann (*fl.* 1936) [1], Karl Suessenguth (1893-1955) [1], Karl-Heinz Rechinger (1906-x) [3(1), 3(3)], Annelis Schreiber (1927-x) [3(1)], Ludwig Hoerhammer (1907-1975) [3(1), 4(1)], Heinrich Marzell (1885-1970) [3(1), 3(3), 4(1), 4(2)A, 6(1)], Hermann Meusel (1909-x) [3(1), 3(3)], Erich Oberdorfer (1905-x) [3(1), 3(3), 4(1), 4(2)A, 6(1)], Alois Patzak (1903-x) [3(1)], Franz Petrak (1886-1973) [3(1)], Margita von Rochow [3(1)], Jürgen Damboldt (1937-x) [3(3)], H. Mühlberg [3(3)], Walter Zimmermann (1892-x) [3(3)], Ch. Leuckert (1930-x) [3(3)], Herbert Straka (1920-x) [3(3), 4(1), 4(2)A, 6(1)], Friedrich Markgraf (1897-x) [4(1)], Roland Wannenmacher [4(1), 4(2)A, 6(1)], Herbert Huber (1931-x) [4(2)A], Dimitri Hartl (1926-x) [6(1)], Gerhard Wagenitz (1927-x) [6(1)], Siegfried Jost Casper (1929-x) [6(1)], Alexander Gilli (1903-x) [6(1)], Otto Schwarz (1900-x) [6(1)],

Inge Siegert [6(1)], Dieter Podlech (1931-x) [ed. 3, 2(1)], Wolfram Schulze-Motel (1934-x) [ed. 3, 2(1)], R. Kandeler [ed. 3, 2(1)].

Vienna issue ed. 2: "A. Pichlers Witwe & Sohn . . . Wien V, Margaretenplatz 2," vols. 1-2, except for imprint identical with vols. 1 and 2 of München issue. *Copy*: WU.

Break-down second edition:

vol.	Lief.	Volume-editor	pages	dates
1		K. Suessenguth	1-528	1936, repr. 1965
2		K. Suessenguth	1-532	Dec 1939
3(1)	1	K. H. Rechinger	1-80	Sep 1957
	2	K. H. Rechinger	81-160	Nov 1957
	3	K. H. Rechinger	161-240	Dec 1957
	4	K. H. Rechinger	241-320	Jun 1958
	5	K. H. Rechinger	321-452	Jul 1958
3(2)	1	K. H. Rechinger	453-532	1959
	2	K. H. Rechinger	533-612	1960
	3	K. H. Rechinger	613-692	1960
	4	K. H. Rechinger	693-772	1961
	5	K. H. Rechinger	773-852	1962
	6	K. H. Rechinger	853-932	1969
	7	K. H. Rechinger	933-. . .	1971
	8	K. H. Rechinger		to follow
3(3)	1	K. H. Rechinger	1-80	Jul 1965
	2-3	J. Damboldt	81-240	Feb 1974
	4-5	J. Damboldt	241-356	Mar 1974
4(1)	1	K. Markgraf	1-80	Mar 1958
	2	K. Markgraf	81-160	Mai 1959
	3	K. Markgraf	161-240	Mar 1960
	4	K. Markgraf	241-320	Dec 1960
	5	K. Markgraf	321-400	Jan 1962
	6	K. Markgraf	401-480	Oct 1962
	7	K. Markgraf	481-548	Feb 1963
4(2)A	1	H. Huber	1-80	Jan 1961
	2/3	H. Huber	80-224	Apr 1963
	4	H. Huber	225-304	Nov 1964
	5	H. Huber	305-384	Jul 1965
	6	H. Huber	385-448	Nov 1966
5	1-4	Nachträge	1-172	1968
6(1)	1	D. Hartl et G. Wagenitz	1-80	Jul 1965
	2	D. Hartl et G. Wagenitz	81-161	Sep 1966
	3	D. Hartl et G. Wagenitz	161-240	Jun 1968
	4	D. Hartl et G. Wagenitz	241-320	Jul 1969
	5	D. Hartl et G. Wagenitz		Jul 1972
	6	D. Hartl et G. Wagenitz		Mar 1974
	7/8	D. Hartl et G. Wagenitz	-631	Aug 1974
6(2)	1	G. Wagenitz	1-96	1966
	2-9	G. Wagenitz	97-176	1970
6(3)	1	G. Wagenitz	1-80	1964
	2	G. Wagenitz	81-160	1965
	3	G. Wagenitz	161-240	1966
	4	G. Wagenitz	241-320	1968
	5-9	G. Wagenitz		to follow

Third edition

2(1)	1	W. Schultze-Motel	1-80	1966
	2	W. Schultze-Motel	81-160	1968
	3	W. Schultze-Motel	161-240	1969
	4	W. Schultze-Motel et al.	241-320	Aug 1977

vol.	Lief.	Volume-editor	pages	dates
	5	R. Kandeler & D. Podlech		to follow
	6	D. Podlech		

Ref.: Becherer, A., Candollea 5: 342-344. 1934.

Heiberg, Peder Andreas Christian (1837-1875), Danish algologist; Dr. phil. Kjøbenhavn 1863; one of the founders of the Dansk bot. Forening (1865). (*Heib.*).

HERBARIUM and TYPES: C.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 149; BM 2: 814; De Toni 1: lxii, 2: lxiv; Dryander 4: 282; Frank 3(Anh.): 43; IH 2: 264; Jackson p. 91, 733; Kew 2: 628; Moebius p. 78; Nordstedt p. 18; PR 3909.
Anon., Bot. Not. 1875: 61-62; Bot. Zeit. 33: 375. 1875.
Christensen, C., Dansk Bot. Hist. 2: 324-325. 1926 (bibl.).
Trimen, H., J. Bot. 13: 192. 1875.
Warming, E., Bot. Tidsskr. 12(4): 204. 1881 (bibl.).

COMPOSITE WORKS: Edited *Botanisk Tidsskrift* vols. 1-2, 1866-1868.

EPONYMY: *Heibergia* Greville (1865).

2572. *Kritisk oversigt over de Danske Diatomeer.* Kjøbenhavn (Wilhelm Priors Forlag) 1863. Qu. (*Krit. overs. Danske Diatom.*).

Første Hefte: 4 Jun 1863 (date of presentation as thesis; p. ii: 9 Apr 1863), p. [i-ii], [1]-78, *pl. 1-6* (uncol. liths. auth.). *Copies*: B, G, NY, Regensburg, US. – This thesis edition contains the theses on the second part of p. 77 and on p. 78.
Andet Hefte: 1863 (Bot. Zeit. 27 Nov 1863 "soeben"), p. [i], [iii], 77-135, [136, binder]. *Copies*: B, BR, G, M, NY. – Contains on p. 77 the text, except the theses, of p. 77 of the first part. Issued with a general t.p. [iii] for the combined volume, with the title: "*Conspectus criticus diatomacearum danicarum.* Kritisk . . ." Kjøbenhavn (Wilhelm Priors Forlag), London, Leipzig, Paris, 1863. *Copy* of Conspectus issue: L.

Ref.: L.R., Hedwigia 3: 100-102. Jul 1864.
W.C., J. Bot. 2: 321-323. Oct 1864.

Heim, Frédéric Louis (1869-x), French botanist; Dr. sci. Paris 1892. (*F. Heim*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 652; Barnhart 2: 150; BM 2: 815; CSP 13: 11, 14: 183, 15: 730-731; Kew 2: 629; LS 11707-11718, 34378-34379; Rehder 5: 378; RS p. 87; TL-2/253; Tucker 1: 380.
Heim, F. L., Rech. Dipterocarp. ii. 1892 (bibl.); Notice sommaire sur les titres et travaux scientifiques (Juillet 1897) [Paris], 16 p.

2573. Thèses présentées à la Faculté des Sciences de Paris pour obtenir le grade de docteur ès sciences naturelles par le Dr. Heim. . . . 2e Thèse. – *Recherches sur les Diptérocarpacées.* Sous tenues le [24] juin 1892 devant la commission d'examen . . . Paris (Chamerot et Renouard) 1892. Qu. (*Rech. Dipterocarp.*).

Thesis ed.: 24 Jun 1892, p. [i*-iii*], [i]-ii, [1]-186, *pl. 1-11* with text, uncol. liths by author. *Copies*: MICH, MO.
Commercial ed.: "*Recherches sur les Diptérocarpacées* (introduction à la monographie générale de la famille)", Paris (Société d'éditions scientifiques) 1892 (Nat. Nov. Jul 1892). Qu., p. [i]-viii, [1]-186, *pl. 1-11* (id.) *Copies*: G, USDA (2).

Heim, Georg Christoph (1743-1807), German clergyman and botanist at Gumpelstadt. (*G. Heim*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 150; CSP 3: 253; Jackson p. 506; PR 3913 (ed. 1: 4284); Quenstedt p. 196; Rehder 5: 378.

EPONYMY: *Heimia* Link (1822) is dedicated to Ernst Ludwig Heim (1747-1834), German physician in Berlin, who owned an important herbarium, especially of Musci (at present at HAL).

2574. *Deutsche Flora.* Aus neuern botanischen Schriften zusammengetragen und herausgegeben von Georg Christoph Heim. [1]: Halle (bey Johann Jacob Gebauer), 2: Berlin und Leipzig (in der Verlagshandlung der kompendiösen Bibliothek) 1793-1799, 2 vols. Oct. (*Deut. Fl.*).

Vol. 1: 1793-1797, but title-page [i*] issued later, dated 1799. This volume was originally published in "Der Botaniker oder Compendiöse Bibliothek alles wissenswürdigen aus dem Gebiete der Botanik." Hefte i-ix. *Copy*: L.
Heft 1: Gotha und Halle (bey Johann Jacob Gebauer) 1793, p. [1]-84.
Heft 2: ib. (id.) 1794, p. [1]-108.
Heft 3-9: Eisenach und Halle (bey Johann Jacob Gebauer) 1797, p. [i]-xvi, [1]-672.
Vol. 2: 1799. *Copy*: L.
Erste Abtheilung: 1799, p. [i]-xiv, [1]-464.
Zweyte Abtheilung: 1799, p. [465]-872.

Heim, Roger Jean (1900-x), French mycologist at the Muséum d'histoire naturelle, Paris. (*R. Heim*).

HERBARIUM and TYPES: P, PC.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 343 [index]; Barnhart 2: 150; BL 2: 160, 666; Bossert p. 169; GR p. 326; IH 2: 265; Kew 2: 630-631; Langman p. 356; LS suppl. 11128-11144; Plesch p. 253-254; Roon p. 50.
Anon., Rev. bryol. lich. 15(1-2). 1946 (return from captivity); 22(1): 103. 1953 (Légion d'Honneur); 23(3-4): 331. 1954; 30(3-4): 285. 1961; 38(3-4): 609. 1972; Plant Sci. Bull. 7(4): 4. 1961.

EPONYMY: *Heimiella* K. B. Boedijn (1951); *Heimiochrysis* P. Bourrelly (1949); *Heimiodora* J. Nicot & A. Parguey (1960); *Heimiomyces* R. Singer (1942); *Heimodendron* R. Sillans (1953).

2575. *Le genre Inocybe* précédé d'une introduction générale à l'étude des Agarics ochrosporés ... 35 planches coloriées d'après les aquarelles originales de l'auteur 220 figures. Encyclopédie mycologique [Tome 1] Paris (Paul Lechevalier & fils) 1931. Oct. (*Inocybe*).
Publ.: Mai-Jun 1931 (addenda with printers mark Mai 1931; Mycologia 1 Sep 1932), p. [i-v], [1]-429, [1, err.], *pl. 1-35*. *Copies*: MICH, MO, NY, Stevenson, U, USDA.

2576. *Les Lactario-Russulés* du domaine oriental de Madagascar essai sur la classification et la phylogénie des Astérosporales ... Paris (Laboratoire de Cryptogamie du Muséum national d'Histoire naturelle) 1937. (*Lact.-Russul.*).
Publ.: Feb 1938 (note on slip), [1, blank], slip, [3]-196, [1, colophon], *pl. 1-8*. *Copies*: NY, Stevenson, USDA. – Vol. 1 of *Prodrome à une flore mycologique de Madagascar et Dépendances* ..."

Heimans, Eli (1861-1914), Dutch botanist; from 1882 teacher at Amsterdam; leading popularizer of biology; longtime editor of "De Levende Natuur." (*E. Heimans*).

HERBARIUM and TYPES: NBV.

BIBLIOGRAPHY and BIOGRAPHY: BFM 1418; BL 2: 423, 666; IH 2: 265; JW 1: 443, 2: 192, 3: 354; Kew 2: 631; Rehder 5: 378.
Brouwer, F. I., Leven en werken van E. Heimans en de opbloei der natuurstudie in Nederland in het begin van de 20ste eeuw. Groningen 1958, 402 p. (portr., biogr.).
Westhoff, V., Jaarboek Kon. Ned. Bot. Ver., Amsterdam 1965, p. 9-13; Grote Winkler Prins 9: 238-239. 1969; Mens en Natuur 25(3): 93-98. 1974.

NOTE: Heimans published a "*Geillustreerde flora van Nederland*" together with Jac. P. Thijsse (q.v.) on 6 Mar 1899. From ed. 2 (publ. 12 Mai 1909) onward Hein Willem Heinsius (x-1939) was added to this team; from ed. 5 onward Jacobus Heimans (1889-x) acted in various capacities as co-author and editor. We have insufficient information on the many editions through which this popular flora went up to the present in order to treat this book in any detail.

Heimans, Jacobus (1889-1978), Dutch botanist; son of Eli Heimans; specialized on Desmidiaceae, the genus *Mentha* and the phytogeography of the Netherlands. (*J. Heimans*).

HERBARIUM and TYPES: AMD, NDB.

BIBLIOGRAPHY and BIOGRAPHY: JW 1: 443.

2577. *Das Genus Cosmocladium* . . . Jena (Verlag von Gustav Fischer) 1935. Oct. (*Cosmocladium*).
Publ.: Jun-Oct 1935 (p. 3: 1 Mai 1935; FH rd. 6 Nov 1935), p. [i-ii], [1]-132, *pl. 1-8* (uncol.). *Copy*: FH. – Pflanzenforschung, ed. R. Kolkwitz, Heft 18. – Preliminary publication: Heimans, Rev. algol. 5: 215-225, *pl. 13*.

Heimerl, Anton (1857-1942), Austrian botanist; Dr. phil. Wien 1888; high school teacher at Sechshaus nr. Wien. (*Heimerl*).

HERBARIUM and TYPES: Material at GRI, GZU, IB, LAU, LE, MANCH, W, WTU.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 764, 6(1): 263; Backer p. 652; Barnhart 2: 150; BFM 1095; BJI 1: 25, 2: 73; BL 2: 407, 666; BM 2: 815, 6: 449; Bossert p. 170; CSP 10: 180, 12: 322, 15: 732, 16: 420; DTS 1: 108-109, 6(4): 71, 151; Hirsch p. 118; Hortus 3: 1194 ("Heimerl"); IH 2: 265; Kew 2: 631-632; Langman p. 356; LS 11719-11722, 34380-34381; MW p. 166, suppl. p. 94; Nordstedt p. 18; Rehder 5: 378; TL-2/1711; Stevenson p. 1244 ("Heim."); Tucker 1: 330, 775.
Beck, G., Vegetationsverhältn. Illyr. Länder 35. 1901 (Veg. Erde 4).
Janchen, E., Richard Wettstein 187. 1933.
Merrill, E. D., Contr. U. S. natl. Herb. 30(1): 146. 1947.
Urban, I., Symb. ant. 1: 67. 1898.

COMPOSITE WORKS: (1) In EP, *Die natürlichen Pflanzenfamilien*, ed. 1 (TL-2/1710):
Nyctaginaceae, 3(1B): 14-32. Apr 1889; Nachtr. 2-4(1): 154-156. Aug 1897.
Phytolaccaceae, 3(1B): 1-14. Apr 1889; Nachtr. 2-4(1): 154. Aug 1897.
(2) In EP, *Die natürlichen Pflanzenfamilien*, ed. 2 (TL-2/1711):
Achatocarpaceae, 16c: [174]-178. Jan-Apr 1934.
Gyrostemonaceae, 16c: [165]-173. Jan-Apr 1934.
Nyctaginaceae, 16c: [86]-134, 586-587. Jan-Apr 1934.
Phytolaccaceae, 16c: [135]-164. Jan-Apr 1934.
(3) In Warming, *Symbolae*, part 35, p. 158-163, "1890", publ. 21 Apr 1891.

EPONYMY: *Heimerlia* von Höhnel (1903); *Heimerlia* Skottsberg (1936); *Heimerliodendron* Skottsberg (1941).

2578. *Monographia sectionis "Ptarmica"* Achillae generis. Die Arten, Unterarten, Varietäten und Hybriden. Der Section Ptarmica des genus Achillea . . . Wien (Aus derkaiserlich-königlichen Hof- und Staatsdruckerei. In Commission bei Karl Gerold's Sohn) 1884. Qu. (*Monogr. Ptarmica*).

Publ.: Aug 1884 (Bot. Zeit. 26 Sep 1884; Nat. Nov. Sep(1) 1884), p. [i*], [i]-iv, [1]-80, *pl. 1-3* (uncol. liths. W. Liepoldt). *Copies*: B, G; IDC 1012. – Reprinted from Denkschr. math.-naturw. Cl. k. Akad. Wiss. 48 (Nichtmitgliedern): 113-192, *pl. 1-3*, [i]-iv.
Ref.: Engler, A., Bot. Jahrb. 6(Lit.): 11-13. 24 Oct 1884.

2579. *Beiträge zur Systematik der Nyctaginaceen* . . . Wien (Im Selbstverlage des Verfassers) 1897. Oct. (*Beitr. Syst. Nyctag.*).
Publ.: Mai-Jul 1897 (Nat. Nov. Aug(1) 1897), p. [1]-40. *Copies*: G, M, US, USDA. – Reprinted from xxiii Jahresb. k.k. Staats-Oberrealschule im xv. Bezirke von Wien (Fünfhaus).

2580. *Monographie der Nyctaginaceen.* I. Bougainvillea, Phaeoptilum, Colignonia. Wien (aus der Kaiserlich-königlichen Hof- und Staatsdruckerei. In Commission bei Carl Gerold's Sohn). 1900. Qu. (*Monogr. Nyctag.*).
Publ.: Aug-Oct 1900 (Nat. Nov. Nov(1) 1900), p. [i], [1]-41, *pl. 1-2* (with text; uncol. liths. A. Hennert, W. Liepoldt). *Copies*: M, USDA. – Reprinted from Denkschr. math.-naturw. Classe k. Akad. Wiss. 70: 97-137. "1900". publ. 1901.

2581. *Schulflora für Österreich* (Alpen- und Sudetenländer, Küstenland südlich bis zum Gebiete von Triest). . . . Wien (Verlag von A. Pichlers Witwe & Sohn, . . .) 1903. Oct. (*Schulfl. Österr.*).

Ed. 1: Feb-Mar 1903 (p. iv: Dec 1902; Nat. Nov. Apr(2) 1903; Bot. Zeit. 1 Apr. 1903), p. [i]-iv, [1]-543. *Copies*: Gutermann, L.
Ed. 2: 1912 (Nat. Nov. Sep(1) 1912), p. [i]-ix, [1]-582, n.v.
Ed. 2, dritter Abdruck: Jan-Mar 1921 (Nat. Nov. Apr 1921), p. [i]-ix, [1]-582. *Copy*: Guter mann. "Zweite, vermehrte und verbesserte Auflage. 1912. Dritter Abdruck." Wien (id.).
Ed. 3: Wien (Hölder-Pichler-Tempsky A.G.) 1923, p. [i]-ix, [1]-582, *fig. 1-562*. *Copy*: U.

2582. *Flora von Brixen a. E.* Ein mit Standorts- und Höhenangaben versehenes Verzeichnis der im Weiteren Gebiete von Brixen a. E. (Südtirol) beobachteten wildwachsenden höheren Sporen- und Samenpflanzen, der Nutzgewächse und Ziergehölze. Wien und Leipzig (Franz Deuticke) 1911. Oct. (*Fl. Brixen*).
Publ.: Mai-Jun 1911 (p. iv: Mar 1911; Nat. Nov. Jun(2) 1911), p. [i]-xxi, [1, h.t.], [1]-321. *Copy*: G. – "Brixen a. E." or Brixen am Eisack is a town in Southern Tirol which became Italian in 1919. It is now called Bressanone and is situated in Trentino-Alto Adige, a region of the province of Bolzano.

Hein, Heinrich (*fl.* 1877), German gardener ("Kunstgärtner") in Hamburg (*H. Hein*).

HERBARIUM and TYPES: Unknown. Exsiccatae: *Oekonomische Flora*, Hamburg 1881; *Sammlung von in Deutschland . . . angebauten . . . Gräsern und Scheingräsern*, Hamburg 1881.

BIBLIOGRAPHY and BIOGRAPHY: Jackson p. 299; Rehder 5: 378.

2583. *Gräserflora von Nord- und Mittel-Deutschland.* Eine genaue Beschreibung der Gattungen und Arten der im obgenannten Gebiete vorkommenden Gramineen, Cyperaceen und Juncaceen, mit ganz besonderer Berücksichtigung der Synonymen und Bemerkungen über den Werth der einzelnen Arten für die Landwirthschaft. Nebst einem Anhange . . . Ein Hülfs- und Nachschlagebuch für Gutsbesitzer, Forst- und Landwirthe, Samenhändler, Kunst- und Handelsgärtner, Gartenbesitzer, Naturfreunde, Lehrer und Schüler. Weimar (Bernhard Friedrich Voigt) 1877. Oct. (*Gräserfl. N.-Mitt.-Deutschl.*).

Ed. 1: Mar 1877 (see Flora 11 Apr 1877 and Bot. Zeit. 23 Mar 1877), p. [i]-x, [1]-420. *Copies*: B, G, US.
Ed. 2: Feb-Mai 1880 (Bot. Zeit. 25 Jun 1880; p. vii: Jan 1880), p. [iii]-x, [1]-420. *Copy*: B. – Weimar (id.) 1880. Oct.

Hein, Theodor (fl. 1874), German high school teacher and bryologist at Troppau. (*T. Hein*).

Hein, Theodor (fl. 1874), ctd.:

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: CSP 7: 938; Dryander 3: 544; Klášterský p. 89.

2584. Jahresbericht über die Staats-Ober-Realschule in Troppau für das Schuljahr 1873-74 . . . 19. Jahrgang . . . *Beiträge zur Laubmoosflora des Troppauer Kreises* . . . Troppau (Druck von August Riedel) 1874. Oct. (*Beitr. Laubm.-Fl. Troppau*).
Publ.: Aug 1874 (p. 84: 31 Jul 1874), p. [1]-84. *Copy*: MO. – *Beiträge* on p. 3-33.

Heineck, Otto (1860-?), German botanist; Dr. phil. Giessen 1890. (*Heineck*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 151.

2585. *Beitrag zur Kenntnis des feineren Baues der Fruchtschale der Kompositen.* Inaugural-Dissertation zur Erlangung der Doktorwürde bei der Philosophischen Fakultät der Ludwigs-Universität zu Giessen eingereicht von Otto Heineck aus Hungen. Leipzig (Druck von C. G. Naumann) 1890. Oct. (*Beitr. Bau Fruchtsch. Kompos.*).
Publ.: Sep 1890 (Nat. Nov. Sep(1) 1890; Flora rd. 23 Oct 1890), p. [i], [1]-26, *pl. 1-4*, 1 chart. *Copy*: MO.

Heinricher, Emil Johann Lambert (1856-1934), Austrian botanist; Dr. phil. Graz 1879; from 1889 director of the botanical garden and professor of botany at Innsbruck University. (*Heinr.*).

HERBARIUM and TYPES: IB.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 151; BJI 1: 25, 2: 73; BM 6: 449; Bossert p. 170; CSP 10: 181, 12: 322-323, 15: 734-735; De Toni 1: lxii; DTS 1: 109, 6(4): 68, 69, 151-152; Hirsch p. 118; IH 2: 265; Jackson p. 88; Kew 2: 635; Lenley p. 217; LS 11726-11729, 34387-34388, suppl. 11160-11162; Merrill p. 166; Moebius p. 279; MW p. 166; Rehder 5: 378; SK 1: 224; Tucker 1: 331.
Bergdolt, E., Karl von Goebel 213, 219. 1941.
Sperlich, Ber. deut. bot. Ges. 52: (188)-(205). 1934 (bibl.; portr.).
Verdoorn, F., Chron. bot. 1: 85. 1935 (portr.).

2586. *Monographie der Gattung Lathraea* . . . Mit 45 Abbildungen im Text und 5 Tafeln. Jena (Gustav Fischer) 1931. Oct. (*Monogr. Lathraea*).
Publ.: 1931 (rd. at U: 1 Dec 1931), p. [i]-iv, [1]-151, [152, expl. pl.], *pl. 1-5*. *Copies*: U, USDA.
Ref.: Weiss, J. Bot. 70: 175-176. Jun 1932 (rev.).
Melchior, H., Bot. Jahrb. 66(Lit.): 9. 1934.

Heinsen, Ernst (*fl.* 1894), German botanist. (*Heinsen*).

HERBARIUM and TYPES: East African material at B, BR, K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 151; DTS 3: xliii; IH 2: 265; Kew p. 635; LS 11730; Urban-Berl. p. 354.

EPONYMY: *Heinsenia* K. M. Schumann (1897).

2587. *Die Makrosporen und das weibliche Prothallium von Selaginella.* Inaugural-Dissertation der hohen philosophischen Facultät der Universität Rostock zur Erlangung der Doctorwürde vorgelegt von Ernst Heinsen aus Glücksburg . . . München (Druck von Cal. Höfling, . . .) 1894. Oct. (*Makrosp. Selaginella*).
Publ.: 4 Jun 1894 (journal publ.; repr.: Nat. Nov. Dec(1) 1894), p. [1]-33, *pl. 16* (uncol. lith. auth.). *Copy*: MO. – Reprinted from Flora 78(3): 466-496, *pl. 16*. 4 Jun 1894.

Heinzel, Philipp Gustav (1816-?), German botanist; Dr. phil. Breslau 1844. (*Heinzel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 152; CSP 3: 262; PR 3916 (ed. 1: 4291).

2588. *De Macrozamia Preissii.* Dissertatio inauguralis botanica quam consensu et auctoritate amplissimi philosophorum ordinis in alma litterarum universitate viadrina ad summos in philosophia honores rite impetrandos die xi. m. nov. mdcccxliv h.l.q.s. publice defendet auctor Gustavus Heinzel, vralislaviensis . . . Vratislaviae [Breslau] (typis Grassii, Barthii et Socii) s.d. [1844]. Qu. (*Macrozamia Preissii*).
Publ.: 11 Nov 1844, p. [1]-58, *pl. 1-4* (*1-3* plain, *4* partly col.; liths. by Gottsche and Theodor Fischer). *Copy*: WU. – Reprinted from Nova Acta Leop. 21(1): [201]-248, *pl. 10-13.*
Reprint with original pagination; plates numbered *10, 2, 3, 13,* at KNAW. – "*De Macrozamia Preissii* auctore Gustavo Heinzel. Cum tabulis iv. lithographicis. Acad. trad. d. viii Jul. a. mdcccxliv."
Ref.: Gottsche, C. M., Bot. Zeit. 3: 366-376, 377-385, 398-405, 413-419, 433-437, 447-454. 1845 (extensive review).

Heister, Lorenz (1683-1758), German botanist; professor of medicine at Helmstädt. (*Heist.*).

HERBARIUM and TYPES: Some material at BM-Sloane.
Ref.: Dandy, J. E., Sloane herb. 136. 1958.

BIBLIOGRAPHY and BIOGRAPHY: ADB 11: 672; AG 7: 383; Barnhart 2: 152; BM 2: 816-817; Bossert p. 170; Frank 3(Anh.): 43; Hortus 3: 1195 ("Heist."); Jackson p. 428; Kew 2: 636; Moebius p. 46; NI 842-843; PR 3918-3929 (ed. 1: 4293-4310); Rehder 5: 379; RS p. 87; SO 628, 633, 1337; TL-2/1738; Tucker 1: 331; Zander ed. 10, p. 668-669.
Blum, Ber. Senckenb. naturf. Ges. Wiss., Abt. 1901: 8.
Dandy, J. E., Index of generic names 9, 14. 1967.
Fries, Th. M., Bref. Skriv. Linné 1(4): 361. 1910, 1(5): 266. 1911.
Helm, Beitr. Biol. Pflanzen 44: 1-57. 1968 (on *Sprekelia* Heister and its publication; many refs. to Heister sources).
Hulth, J. M., Bref Skrifv. 2(1): 369-371. 1916, 2(2): 122, 123. 1943.
Jourdan, Dict. Sci. méd. 5: 131-138. 1822 (extensive bibl.).
Nicolas, J. P. *in* Lawrence, G. H. M. ed., Adanson 1: 161-162. 1963.
Reess, M., Pflege Bot. Franken 9-10, 18. 1884.
Wittrock, V. B., Acta Horti Berg. 3(2): 129. 1903.

HANDWRITING: Dandy, J. E., The Sloane herbarium, London 1938, facs. no. 60.

EPONYMY: *Heisteria* Linnaeus (1758, *nom. rej.*); *Heisteria* N. J. Jacquin (1760, *nom. cons.*); *Heisteria* Fabricius (1763).

2589. Dissertatio medica inauguralis *de Pipere* quam gratiosissimae facultatis medicae con sensu praeside Laurentio Heistero . . . pro gradu doctoris in juleo majori horis ante et post meridiem consuetis defendet Georgius Conradus Pfeffer onoldinus d. xxvii. Septembr. mdccxl. Helmstaedii [Helmstädt] (ex officina Schnorriana) s.d. [1740]. Qu. (*De Pipere*).
Publ.: 27 Sep 1740, p. [1]-48, *1 pl.*, [1, expl. pl.].*Copies*: B, MO.

2590. Dissertatio inauguralis medico-botanica sistens *meditationes et animadversiones in novum systema botanicum sexuale* Linnaei quam gratiosae facultatis medicae consensu in incluta academia julia praeside Laurentio Heistero . . . pro gradu doctoris legitime impetrando horis ante- et pomeridianis consuetis in juleo majore publice eruditorum ventilationi subjiciet autor responsurus Philippus Casparus Goeckelius Horicus. D. xvi. August. mdccxli. Typis schnorrianis. Qu. (*Medit. nov. syst. bot.*).
Publ.: 16 Aug 1741, p. [i-iv], [1]-60. *Copy*: USDA.

2591. Laurentii Heisteri *systema plantarum generale* ex fructificatione cui annectuntur regulae

eiusdem de nominibus plantarum a celeb. Linnaei longe diversae. Helmstadii (apud Christian. Frederic. Weygand) 1748. Oct. (*Syst. pl. general.*).
Publ.: 1748, p. [1]-48. *Copies*: BM, US (photocopy).

2592. Laurentii Heisteri . . . *Descriptio novi generis plantae rarissimae* et speciosissimae africanae ex Bulbosarum classe cui in honorem atque sempiternam memoriam serenissimi principis ac domini Domini Caroli Brunsvicensium ac Luneburgensium ducis hodie regnantis tanquam rei herbariae summi promotoris et fautoris munificentissimi Brunsvigiae illustre nomen imposuit. In qua simul multae botanicorum quorundam hallucinationes indicantur et emendantur cum tribus magnis tabulis aeneis hujus plantae coloribus naturalibus repraesentatae. Brunsvigae [Braunschweig] (Typis Orphanotrophei) 1753. Fol. (*Descr. nov. gen.*).
Publ.: 1753, before 1 Mai (fide Rothmaler 1944) p. [i]-xxviii, *pl. 1-3*, hand-coloured copper engr. *Copies*: G, MO, NY, USDA; IDC 5252. – The names published in this work were validly published in the 1755 German edition (see no. 2593).
Ref.: Rothmaler, W., Fedde Repert. Sp. Nov. 53: 30. 1944.

2593. Lorenz Heisters . . . *Beschreibung eines neuen Geschlechts* von einer sehr raren und überaus schönen Afrikanischen Pflanze aus der Familie der Zwiebelgewächse, welche er zu Ehren und immerwährenden Andenken des durchlauchigsten Fürsten und Herrn, Herrn Karls isst regierenden Herzogs zu Braunschweig und Lüneburg als des mildreichesten Beförders aller und besonders auch der Kräuterwissenschaft den Namen Brunsvigia beygeleget wobey zugleich viele Irrthümer einiger Kräuterkenner angezeignet und verbessert werden, nebst drey grossen Kupferplatten worauf obige Pflanze mit lebendigen Farben nach dem Leben dargestellet wird. Braunschweig (gedruckt im grossen Waysenhause) 1755. Fol. (*Beschr. neu. Geschl.*).
Publ.: 1755, p. [1]-40, *pl. 1-3* (hand-coloured copper engr.). *Copies*: MICH, NY. – German translation of no. 2592 (see above). Contains the valid publication of names appearing in the pre-linnaean 1753 latin version.

Heldmann, C. (*fl.* 1837), German botanist. (*Heldmann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 817; CSP 3: 263; Jackson p. 305; PR 3930; Rehder 1: 379.

2594. *Oberhessische Flora.* Taschenbuch zum Gebrauch auf botanischen Excursionen in der Umgebung von Marburg und Giessen, enthaltend eine Aufzählung der wildwachsenden und häufiger angebauten Gefässpflanzen. Marburg (im Verlag von Christian Garthe) 1837. Duod. (*Oberhess. Fl.*).
Publ.: 1837 (p. x: Jan 1837; Flora rd. 6 Nov 1837), p. [i*-vi*], [i]-x, [1]-415. *Copies*: L, NY.

Heldreich, Theodor von (1822-1902), German-born botanist; in Greece from 1843-1849 and 1851-1902; plant collector and director of the Athens botanical garden and natural history museum. (*Heldr.*).

HERBARIUM and TYPES: B. – *Exsiccatae*: Heldreich distributed many series of exsiccatae which are enumerated by Index herbariorum and by Briquet (1940). Best known and widespread is the series *Herbarium graecum normale* (ser. 1, cent. 1-8, 1854-1861, nos. 1-812, ser. 2, cent. 8-16, 1885-1900, nos. 813-1599).
Ref.: Husnot, T. H., Rev. bryol. 14(4): 52-54. 1887.
Anon., Bot. Gaz. 32: 379. 1901.
Greuter, W., Candollea 23(2): 257-265. 1968 (on autograph herbarium labels).
Kukkonen, I., Herb. Christian Steven 53. 1971 (1000 specimens).
Sayre, G., Mem. New York Bot. Gard. 19(3): 334. 1975.
Steinberg, C., Webbia 32(1): 26. 1977 (material at FI).

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 215, 2(2): 283, 12(1): 207; Backer p. 257; Barnhart 2: 152; BJI 2: 73; BM 2: 817; Bossert p. 170; Clokie p. 181; CSP 3: 263, 6: 684, 10: 183-184, 12:

323, 15: 738; Frank 3(Anh.): 43; Hortus 3: 1195 ("Heldr."); IH 2: 266; Jackson p. 557 [index]; Kew 2: 637; Lasègue p. 556; LS 11754; PR 3931; Rehder 5: 379; Saccardo 1: 88, 2: 58; Tucker 1: 331; Urban-Berl. p. 134, 301, 355; Zander ed. 10, p. 668-669.
Anon., Bot. Not. 1903: 34; Bull. Acad. int. Géogr. bot. 11(156): [293]. 1902; Bull. Soc. bot. Fr. 2: 68, 559. 1855 (on exs.); J. Bot. 1: 288. 1863 (prospectus exs.).
Berchem, Mém. Soc. Phys. Hist. nat. Genève 34: 373-375. 1904.
Boissier, E., Fl. orient. 1: xiii, xiv, xvi, xix. 1867.
Briquet, J., Bull. Soc. bot. Suisse 50a: 259-266. 1940 (bibl.).
Halácsy, Magy. bot. Lap. 1: 325-336. 1902 (portr.).
Leimbach, G., Theodor von Heldreich ... Erinnerungsblatt den Lesern der Deutschen Botanischen Monatsschrift gewidmet. s.l.n.d. (Engel coll. DS) (see also Deut. bot. Monatschr. 20: 33-34. 1902, portr.).
Wittrock, V. B., Acta Horti Berg. 3(2): 148. 1903, 3(3): 158, *pl. 134*. 1905 (portr.).

NOTE: See Webb for Webb et Heldreich, *Catalogus plantarum hispanicarum* ... ab A. Blanco lectarum, Paris, Jul 1850, an example of effective publication by indelible autography as mentioned by ICBN Art. 29.3 (example).

HANDWRITING: Webbia 32(1): 27. 1977 (no. 54).

EPONYMY: *Heldreichia* Boissier (1841) [sic]. (The young Heldreich's successful collecting journey to Sicily in 1840-1841, was the motive for Boissiers' dedication).

2595. *Die Nutzpflanzen Griechenlands.* Mit besonderer Berücksichtigung der neugriechischen und pelasgischen Vulgarnamen ... Athen (Karl Wilberg) 1862. Oct. (*Nutzpfl. Griechenl.*).
Publ.: Jan-Sep 1862 (Flora rd. Oct 1862), p. [i]-viii, [1]-103, [104, err.]. *Copies*: G, L, M, MO, USDA.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 20: 406-407. 21 Nov 1862.

2596. *Sertulum plantarum novarum* vel minus cognitarum *florae hellenicae.* Florentiae [Firenze] (Ex typis M. Ricci) 1876. Oct. (*Sertul. fl. hellen.*).
Publ.: 1876, p. [1]-16. *Copies*: G, M, MO. – Atti Congr. bot. int. Firenze 136-137, [227]-240. 1874.

2597. *Catalogus systematicus herbarii* Theodori G. *Orphanidis* professoris botanices nunc munificentia clarissimi Theodori P. Rhodocanakis in museo botanico universitatis Athenarum ... Fasciculus primus Leguminosae sumptibus universitatis Athenarum. Florentiae [Firenze] (ex officina M. Ricci) 1877. Oct. (in fours)†. (*Cat. herb. Orphanidis*).
Publ.: Apr-Aug 1877 (p. viii: 3 Mar 1877; Bot. Zeit. 31 Aug 1877; J. Bot. Oct 1877), p. [i]-viii, [1]-79. *Copies*: M, MO, NY.

2598. *Die Pflanzen der Attischen Ebene* von Theodor von Heldreich (Erschienen als Heft 5 der Griechischen Jahreszeiten herausgegeben von August Mommsen.) Schleswig (Julius Bergas) 1877. Oct. (*Pfl. Att. Ebene*).
Publ.: 1877 (Flora rd. 21 Oct-30 Nov 1877), p. [i], [471]-597. *Copy*: M. – Aug. Mommsen, Griechische Jahreszeiten [471]-597. 1877.

2599. *Über die Liliaceen-Gattung Leopoldia* und ihre Arten; von Th. von Heldreich. Moskau (Typographie der Universität) 1878. (*Leopoldia*).
Publ.: 1878 (p. 20: 21 Feb 1878; Nat. Nov Apr(1) 1879), cover (t.p.), p. [1]-20. *Copies*: G, M. – Reprinted from Bull. Soc. Natural. Moscou 53: 56-75. 1875. *Note*: Bot. Jahrb. 1: 56. 30 Apr 1880 cites as imprint "Bergas, Schleswig 1879."

2600. *Flora de l'île de Céphalonie* ou catalogue des plantes qui croissent naturellement et se cultivent le plus fréquemment dans cette île, redigé d'après les indications des auteurs et ses propres observations par Th. de Heldreich. Lausanne (Georges Bridel) 1882. Oct. (*Fl. Céphalonie*).
Publ.: late 1882 or early 1883 (p. [7]: Jun 1882; Nat. Nov. Jun & Jul 1883; Bot. Zeit. 29 Jan 1883; J. Bot. Mai 1883), p. [1]-90. *Copies*: G, USDA.
Other issue: 1883, identical with 1882 issue but with a cover dated 1883, p. [1]-90. *Copy*: NY.

2601. *È chloris tès Thèras.* En Athenais (ek ton typographeiou thès Estias) 1899. Oct. (*Chlor. Thèras*).
Publ.: 1899 (p. 35: Jan 1899), p. [1]-35. *Copy*: G. – Reprinted from Parnassos, ann. 1899.

2602. *Die Flora der Insel Thera* von Th. von Heldreich. Aus Hiller von Gaertringen Thera Band i besonders abgedruckt. Berlin (Georg Reimer) 1899. Qu. (*Fl. Thera*).
Publ.: Jan-Jul 1899 (Bot. Zeit. 1 Aug 1899), p. [i], [1]-19, 3 photographs. *Copy*: USDA. – German version of the above.

Hellbom, Pehr Johan (1827-1903), Swedish lichenologist, high school teacher at Örebro; Dr. phil. Uppsala 1851. (*Hellb.*).

HERBARIUM and TYPES: Unknown; various collections at B, BM, GB, K, L, LD, PC, S, STU, UPS, WRSL partly as *Lichenes lapponiae* (ed. 1871) and as *Unio iteneraria crypt.* (lichenes, musci, ed. 1867), e.g. at FH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 153; BM 2: 817-818; BL 2: 546, 666; Bossert p. 170; CSP 7: 942-943, 10: 185, 15: 740; GR p. 476, *pl.* [*38*], cat. p. 64; IH 2: 266; Jackson p. 338; Kew 2: 638; Kleppa p. 324; KR p. 282-283; LS 11757-11771; PR 3933; Rehder 1: 355; SBC p. 122 ("Hellb."); Tucker 1: 332; Urban-Berl. p. 287, 301.
Anon., Bot. Not. 1903: 96.
Wittrock, V. B., Acta Horti Berg. 3(2): 41. 1903, 3(3): 15, *pl. 112.* 1905 (portr.).

2603. *Förteckning på phanerogamer och ormbunkar i Österåkers socken af Södermanland.* Akademisk afhandling, mid vidtberömda philos. facultetens tillstånd, under inseende af mag. Elias Fries, . . . för philosophiska graden författad och utgifven af Pehr Joh. Hellbom af Södermanlands och Nerikes landskap, och till offentlig granskning framställd på Gustav. Auditorium den 13 Junii 1851. p.v.t.f.m. Upsala (C. A. Leffler) 1851. Oct. (*Förteckn. phan. Södermanland*).
Publ.: 13 Jun 1851 (date defense thesis), p. [1]-29. *Copy*: NY.

2604. *Nerikes lafflora* af P. J. Hellblom, . . . Örebro (abr. Bohlin, på författarens förlag) 1871. Oct. (*Nerik. laffl.*).
Publ.: Mai-Aug 1871 (p. [iv]: 1 Apr 1871; Bot. Not. 15 Sep 1871; Hedwigia Jan 1872), p. [i*-iv*], [i]-xxviii, [1]-151. *Copies*: G, L, MO. – KR mentions a preliminary publ. of 30 p.: Örebro h. elem.-lärov. ärsred. 1870. (part 1: Usneei-Parmeliei) (LS 11763).
Ref.: Hellbom, P. J., Om Nerikes lafvegetation, K. Sv. Vet.-Akad. Handl. ny följd 9(11), 1871, 91 p. (submitted 14 Sep 1870).

2605. *Norrlands lafvar* . . . Stockholm (Kongl. Boktryckeriet. P. A. Norstedt & Söner) 1884. Qu. (*Norrl. lafv.*).
Publ.: 1884 (submitted 14 Nov 1883; Nat. Nov. Mai(2) 1885), p. [1]-131. *Copy*: US. – K. Sv. Vet.-Akad. Handl. 20(8).

2606. *Lafvegetationen på öarne vid Sveriges vestkust* . . . Stockholm (Kongl. Boktryckeriet P. A. Norstedt & Söner) 1887. Oct. (*Lafveg. öarne Sv. vestk.*).
Publ.: 1887 (submitted 13 Oct 1886), p. [1]-78. *Copies*: G, U, US. – Bihang K. Sv. Vet.-Akad. Handl. 12, afd. 3, no. 4.

2607. *Bornholms lafflora* . . . Stockholm (Kongl. Boktryckeriet. P. A. Norstedt & Söner) 1890. Oct. (*Bornholms laffl.*).
Publ.: late 1890 or Jan-Mar 1891 (submitted 12 Feb 1890; Bot. Centralbl. Apr 1891; Nat. Nov. Nov 1893), p. [1]-119. *Copies*: B, G, NY, U, US. – Bih. Sv. Vet.-Akad. Handl. 16, afd. 3, no. 1, 1890, (publ. 1891?). "Diese Zusammenstellung, der lediglich politische, nicht aber rein wissenschaftliche Rücksichten . . . zu Grunde liegen, . . ." (Minks, Bot. Centralbl. 46: 24-29. 1891).

2608. *Lichenaea neo-zeelandica* seu lichenes Novae Zeelandiae a Sv. Berggren annis 1874-1875 collecti, additis ceteris speciebus indidem huc usque cognitis, breviter commemoratis. Stockholm (Kungl. Boktryckeriet. P. A. Norstedt & Söner) 1896. Oct. (*Lich. Neo-zeel.*).

Publ.: 1896 (submitted 13 Nov 1895; Nat. Nov. Jan(2) 1897), p. [1]-150. *Copies*: U, US. – Bih. K. Sv. Vet.-Akad. Handl. 21, afd. 3, no. 13.

Hellenius, Carl Niclas (from 1816 adl. von Hellens) (1745-1820), Finnish botanist, professor of economics and natural history at Åbo 1793-1816. (*Hell.*).

HERBARIUM and TYPES: Destroyed almost completely in the great fire of Turku (Åbo); remaining part at H.
Ref.: Kukkonen, I. & Viljamaa, K., Herb. Christ. Steven 53. 1971; Ann. Bot. Fenn. 10: 309-336. 1973.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 603; Barnhart 2: 153; BM 2: 818; CSP 3: 264; Dryander 5: 276; GR p. 617; Kew 2: 638; KR p. 283; LS 11772; MW p. 166; PR 3934-3943 (ed. 1: 4318-4331); Rehder 5: 379-380; Saelan p. 161-164; TR 521-530.
Collander, R., Hist. bot. Finland 14. 1965.
Eriksson, G., Bot. hist. Sverige 283. 1969.
Fries, Th. M., Bref Skrifv. Linné 1(5): 221, 236. 1911.
Hjelt, O. E. A., Naturhistoriens studium i Finland, Helsingfors 1868, p. 168-174 (incl. bibliography, p. 169-174); Naturalhistoriens studium vid Åbo universitet, Helsingfors 1896, p. 327-359 etc.
Scheutz, N. J. W., Bot. Not. 1863: 69.
Urban, I., Symb. ant. 1: 67. 1898.

EPONYMY: *Hellenia* A. J. Retzius (1791); *Hellenia* Willdenow (1797).

HANDWRITING: Ann. bot. fenn. 10: 333. 1973.

2609. D.D. *Hypericum*, quod, dissertatione botanico-medica, consens. exper. facult. med. upsal. praeside viro nobilissimo atque generosissimo, D:no Doct. Carolo à Linné, . . . pro gradu doctoris, in audit. Carol. maj. die 20 nov. a. 1776. Horis a. et p.m. solitis. Exhibet Carolus Nicol. Hellenius, Tavastia-Fenno, mag. doc. ad reg. acad. aboënsem. Upsaliae [Uppsala] (typis Edmannianis) s.d. [1776]. Qu. (*Hypericum*).
Orig. ed.: 20 Nov 1776, p. [i-iv], [1]-14, *1 pl.* (uncol. copper engr. of drawings by Joh. Afzelius). *Copies*: MICH, MO, NY. – Accepted by Krok as having been written by Hellenius, in view of the late date. Carl von Linné fil. acted as praeses on behalf of his father. (Egenhändiga Anteckningar af Carl Linnaeus 155. 1823) (SO 2459).
Note: last dissertation defended under Linnaeus.
Reprint: *in* Linnaeus, Amoen. acad., ed. Schreber, 8 (no. 171): 318-332. 1785 (SO 1313).

2610. D.D. *Dissertatio* academica *sistens hortum academiae aboensis*, cujus partem primam, venia amplissimae facultatis philosophicae in regio academia aboënsi, publico examini submittunt Carolus Nic. Hellenius, . . . ex Josephus Mollin, stipend. reg. ostrobotniensis, in auditorio majori die xix junii mdcclxxix, h.p.m.s. Aboae [Abo, Türkü] (impressa apud viduam reg. acad. typ. J. C. Frenckell) s.d. 1779. Qu. (*Diss. hort. abo.*).
Publ.: 19 Jun 1779, p. [i-iv], [1]-30. *Copies*: H, NY. – This is the first of a series of eight dissertations with this title, as follows (*copies* at NY):

pars	(1) author, (2) co-defend.	pagination	date
1	Josephus Mollin (2)	[i-iv], [1]-30	19 Jun 1779
2	Joh. Fedr. Wallenius (1), Carolus Fredericus Kunckel (2)	[i-ii], 32-48	15 Jun 1803
3	Joh. Fredr. Wallenius (1), Josephus Ikalén (2)	[i-ii], 49-61	5 Dec 1804
4	Fredr. Wilh. Radloff (1), Gustavus Eriksson (2)	[i-iii], 65-72	17 Dec 1807
5	Fredr. Wilh. Radloff (1), Nicolaus Abrahamus Ursin (2)	[i-iii], 73-81	17 Dec 1807
6	Laur. Joh. Prytz (1), Petrus Adolph. Bonsdorff (2)	[i-ii], 83-97	11 Jun 1814

pars	(1) author, (2) co-defend.	pagination	date
7	Laur. Joh. Prytz (1), Matthias Baeck (2)	[i-ii], 98-111	11 Jun 1814
8	Laur. Joh. Prytz (1), Christoph. Rud. Hjertman (2)	[i-iii], 112-125	15 Jun 1814

2611. D.A.G. Dissertatio botanico *de Hippuride*. Quam cons. ampl. fac. philos. aboëns. praeside Dn. Carolo Nicol. Hellenio, . . . pro laurea publico examini modeste submittit Carolus Reginaldus Brander satacundensis. In auditorio majori die [xxii, in ink or pencil] Februarii anni mdcclxxxvi, horis ante meridiem consvetis. Aboae (typis viduae R. Acad. Typogr. J. C. Frenckell) [1786]. Qu. (*De Hippuride*).
Publ.: 22 Feb 1786 (date defense thesis), p. [1]-21, *1 pl. Copies*: H, NY. – Reprinted: Usteri, *Delectus opusculorum botanicorum* 1: 1-22. 1790.

2612. D.D. Dissertatio botanica *de Evonymo*. Quam consens. ampliss. facult. philosoph. in reg. Acad. aboënsi, praeside Dn. Carolo Nicol. Hellenio, . . . pro laurea publico examini tradit Carolus Ascholin satacundensis. In auditorio majori die [xxv.] februarii anni mdcclxxxvi, horis ante meridiem solitis. Aboae (typis viduae R. Acad. Typogr. J. C. Frenckell) s.d. [1786]. Qu. (*De Evonymo*).
Publ.: 25 Feb 1786 (date defense thesis), p. [1]-25, *1 pl. Copies*: H, NY. – Reprinted: Usteri, *Delectus opusculorum botanicorum* 1(5): 81-104. 1790.

2613. Q.F.S.F.Q. Dissertatio botanica *de Tropaeolo*. Quam consent. ampl. facult. philos. aboëns. praeside d:no Car. Nicol. Hellenio . . ., pro gradu publico examini subjicit, Axelius Fredericus Laurell, . . . in auditorio majori die xiii junii an. mdcclxxxix, h.p.m.c. Aboae [Åbo, Türkü] (typis Frenckellianis) [1789]. Qu. (*De Tropaeolo*).
Publ.: 13 Jun 1789, p. [i-ii], [1]-26, *1 pl.* (uncol. copp.). *Copies*: H, NY.

2614. D.D. Dissertatio botanicae *de Cichorio*. Quam, consent. ampl. facult. philos. aboëns. praeside D:no Car. Nicol. Hellenio, . . . publico examini subjicit Henricus Nelly, Svio-Gothius, in auditorio majori die xxx maji an. mdccxcii. h.a.m.c. Aboae [Åbo, Türkü] (typis Frenckellianis). s.d. [1792]. Qu. (*De Cichorio*).
Publ.: 30 Mai 1792, p. [i-ii], [1]-18. *Copy*: NY.

Heller, Amos Arthur (1867-1944), American plant collector; field agent for USDA 1872-1896; at the University of Minnesota 1896-1898, from 1908-1913 at the University of Nevada; from 1913-1938 teacher at Chico high school, Chico, California; founder and publisher of Muhlenbergia. (*A. Heller*).

HERBARIUM and TYPES: BKL (acquired 1913), WTU (later herb.). Duplicates in many herbaria, see IH. Many collections with others, especially with his wife Emily Gertrude Holbach Heller (1869-1939; see Barnhart 2: 153). Early collections at F; Hawaiian collections (1896) at MIN.
Exsiccatae: 1. *Plants of the Hawaiian Islands*, coll. 1895, numbered irregularly. See IH for sets.
2. *Plants of Porto Rico*, *Fungi of Porto Rico*, see Stevenson (1971).
3. *Plants of California*, (coll. 1902), *California fungi* (coll. 1903).
4. *North American plants* collected chiefly in Southern Virginia in 1893. Richmond 1894 (316 sp.).
Ref.: Gager, Brooklyn Bot. Gard. Record 2: 127. 1913.
Sayre, G., Mem. New York Bot. Gard. 19(3): 335. 1975.
Stevenson, J., Beih. Nova Hedwigia 36: 180-184. 1971.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 153; BL 1: 110, 158, 174, 205, 211, 216, 300; BM 2: 818; Bossert p. 170; CSP 15: 740-741, 18: 791; GR p. 222; Hortus 3: 1195 ("A. Heller"); IF p. 702; IH 2: 267; Kew 2: 638; Langman p. 356-357; Lenley p. 217; LS 11774; NAF 28B(2): 334, ser. 2.2: 16, 5: 241-242; NW p. 48; Pennell p. 609; Rehder 5: 380; Tucker 1: 332; Urban-Berl. p. 267, 355; Zander ed. 10, p. 669.
Anon., Bull. Torrey bot. Cl. 26: 23. 1899 (trip to Porto Rico); J. New York Bot. Gard. 45: 185-186. 1944.

Blankinship, J. W., Montana Agric. Coll. Sci. Studies Bot. 1: 13. 1904.
Boone, W., Hist. bot. W. Virg. 172. 1965.
Cantelow, Leaflets west. Bot. 8: 92. 1957.
Ewan, J., Rocky Mount. Naturalists 226. 1950.
Harshberger, J. W., Bot. Philadelphia 382-388. 1899.
Heller, A. A., Observations on the ferns and flowering plants of the Hawaiian Islands, Minnesota botanical Studies no. 1, p. 760-922. 1897 (additional to Hillebrand, Fl. Haw. Isl., TL-2/2778).
Holmgren, P. K., Personal communication to authors.
MacCaughey, Hawaiian Forester Agric. 16: 51. 1919.
Pennell, F. W., Bartonia 22: 22. 1943.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 474 [index]. 1963.
Piper, C. V., Contr. U.S. natl. Herb. 11: 19. 1906.
Reifschneider, O., Biogr. Nevada bot. 1844-1963: 82-83. 1964 (portr.).
Reveal, J., *in* A. Cronquist et al., Intermountain flora 1: 61-62. 1972 (coll., portr.).
Rickett, H. W., Index Bull. Torrey bot. Cl. 46. 1955.
Thomas, J. H., Contr. Dudley Herb. 5(6): 156. 1961; Flora of Santa Cruz Mountains 1961; Huntia 3: 21-22. 1969 (portr.).
Urban, I., Symb. ant. 3: 58-59. 1902 (itin., coll. W. Indies).

COMPOSITE WORKS: Edited: *Muhlenbergia*, A journal of botany, vols. 1-9, 1900-1915 (see e.g. Hudspath, Mentzelia 2: 16-17. 1977).

EPONYMY: *Helleranthus* J. K. Small (1903).

2615. *Preliminary enumeration of the lichens of Lancaster County*, Pennsylvania. By A. Arthur Heller. Lancaster, Pa. February 15, 1893. (*Prelim. enum. lich. Lancaster*).
Publ.: 15 Feb 1893, p. [1-4]. *Copies*: G, US.

2616. *Botanical explorations in Southern Texas* during the season of 1894 . . . [Lancaster Pa.] (The new era printing house) 1895. Oct. (size). (*Bot. explor. S. Texas*).
Publ.: 6 Feb 1895, p. [1]-116, *pl. 1-9* (uncol. liths.). *Copies*: G, MICH, MO, NY, US, USDA. – [headline t.p.:] Contributions from the Herbarium of Franklin and Marshall College, Lancaster, Pa. no. 1. Contains author's itinerary.

2617. *Catalogue of North American plants north of Mexico*, exclusive of the lower cryptogams. By A. A. Heller. Issued March 10, 1898. Price 60 cents. s.l. [Lancaster Pa.], Oct. (*Cat. N. Amer. pl.*).

Ed. 1: 10 Mar 1898 (p. 8: Mar 1898; Nat. Nov. Aug(2) 1898, Fern Bull. Apr 1898), p. [1]-160. *Copies*: G, MICH, MO, NY, US. – 14.534 taxa enumerated.
Ed. 2: 10 Nov 1900, p. [1]-252, (9-236 one-sided). *Copies*: MICH, MO, NY, US, USDA. – 16.673 taxa enumerated.
Ed. 3: 1909-1914, p. 1-276. *Copy*: USDA (p. 13-276 only). – Remained incompleted; enumerates 15.319 taxa. Published 1912-1914? (See BL).

Heller, Carl Bartholomäus (1824-1880), Moravia-born Austrian traveller and naturalist; in Mexico 1845-1848. (*C. Heller*).

HERBARIUM and TYPES: Unknown (according to Klášterský in the royal cabinet at Viden (Bécsben)).

NAME: Consistently Carl (not Karl) in his publications. Heller was born 20 Nov 1824 in Misliborschitz, Moravia (Czechoslovakia) and died 14 Dec 1880 in Vienna.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 153; BM 2: 818; Futák-Domin p. 242; Jackson p. 50, 313, 367; Kew p. 638; Klášterský p. 90; Langman p. 357; Rehder 5: 380.
Anon., Flora 64: 16. 1881; Magy. növén. Lap. 5: 15. 1881.
Neilreich, A., Verh. zool.-bot. Ver. Wien 5: 70-71. 1855.
Podpěra, Květena Hané 1911: 5-11.

EPONYMY: *Helleria* E. Fournier (1881).

2618. *Reisen in Mexico* in den Jahren 1845-1848 . . . mit zwei Karten, sechs Holzschnitten und einer Lithographie. Leipzig (Verlag von Wilhelm Engelmann) 1853. Oct. (*Reis. Mexico*).
Publ.: 1853 (p. vi: 10 Mai 1853), p. [i]-xxiv, [1]-432, 2 maps, *fig. A* (lith. pl.). *Copy*: G.
Ref.: H-l., Bot. Zeit. 13: 829-830. 23 Nov 1855.
Anon., Brockhaus' Conversations-Lexikon ed. 13. 9: 90. 1884.

Heller, Franz Xaver (1775-1840), German botanist; Dr. med. Würzburg 1800; from 1803 extra-ordinary, from 1805 regular professor of botany at Würzburg University. (*F. Heller*).

HERBARIUM and TYPES: WB.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 153; BM 2: 818; Hortus 3: 1195 ("Heller"); IH 2: 267; Kew 2: 638; PR 3944-3946 (ed. 1: 4332-4334); Rehder 5: 380; Tucker 1: 332.
Anon., Bot. Not. 1841: 240.
Steier, Mitt. bayer. bot. Ges. 3(9): 195-206. 1915 (major study, also on his *Fl. wirceb.*).

EPONYMY: *Helleria* C. G. D. Nees & C. F. P. Martius (1824, also dedicated to his brother Georg Heller, student of the flora of Würzburg). *Note*: *Helleriella* A. D. Hawkes (1966), and *Hellerorchis* A. D. Hawkes (1959) are dedicated to A. H. Heller, orchidologist, working in Nicaragua (1956-1966).

2619. *Graminum in magno-ducatu wirceburgensi* tam sponte *crescentium*, quam cultorum enumeratio systematica. In usum auditorum suorum scripsit Dr. F. Xav. Heller, . . . Wirceburgi [Würzburg] (apud Josephum Stahel) 1809. Oct. (*Gram. wirceb.*).
Publ.: 1809 (p. [iv]: 19 Mai 1809), p. [i-iv], [1]-54, [1-2, index]. *Copy*: NY.

2620. *Flora wirceburgensis* sive plantarum in magno-ducatu wirceburgensi indigenarum enumeratio systematica cum earum characteribus generum, specierum differentiis, locis natalibus et vitae duratione, breviusque descriptionibus in usum tironum dilucidata . . . Wirceburgi [Würzburg] (apud Josephum Stahel) 1810-1815, 2 parts and suppl. Oct. (*Fl. wirceb.*).

Pars 1: 1810, p. [i]-xlviii, [1]-586, [index, 1-35].
Pars 2: Jan-Apr 1811, p. [i]-vi, [1]-450, [index, 1-31]. *Copies*: B (pars 1), BR, G, M, NY; IDC 916.
Supplementum: 1815 (before Dec, rev. A.L.Z.), p. [i]-iv, [1]-86, [index, 1-5]. *Copies*: G, Regensburg. – "*Supplementum florae wirceburgensis* continens plantarum genera quaedam atque species in magno-ducatu wirceburgensi recenter detecta, nec non observationes nonnullas circa plantas indigenas earumque loca natalia. Quod patriae florae cultoribus offert Dr. Franc. Xav. Heller . . ."

Hellwig, Franz Carl (1861-1889), German botanist; Dr. phil. Breslau (now Wroclaw) 1886; at Karlsruhe with Just 1886-1887; to German New Guinea 1888 as botanist of the New Guinea Company and head of Kelaua Station. (*Hellw.*).

HERBARIUM and TYPES: B; further material at BO, L, LE.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 440; Backer p. 259; Barnhart 2: 154; BM 6: 451; CSP 15: 744-745; DTS 1: 109; IH 2: 267; SK 1: 224-225; Urban-Berl. p. 188, 193.
Cohn, F. J., Jahresber. Schles. Ges. vaterl. Cultur 1889: 154-158.
Lakowitz, Ber. deut. bot. Ges. 8: (12)-(17). 1890; Schr. naturf. Ges. Danzig ser. 2. 7(4): 177-185. 1891.
Magnus, P., Verh. bot. Ver. Prov. Brandenburg 31: lxiii-lix. 1890.
Pax, F., Schlesiens Pflanzenwelt 14. 1915.
Schumann, K. M. & K. Lauterbach, Fl. deut. Schutzgeb. Südsee, Nachtr. 21-23. 1905.
Szweykowski, J., Prodr. fl. hepat. Polon. 561. 1958 (ref. to H's first publ. in Jahresber. Westpr. zool.- bot. Ver. 6:42. 1883 (1884)).

COMPOSITE WORKS: (1) In EP, *Die natürlichen Pflanzenfamilien, Resedaceae*. 3(2): 237-240. Mar 1891, 241. Mai 1891. (TL-2/1710).

EPONYMY: *Hellwigia* Warburg (1891).

2621. *Über den Ursprung der Ackerunkräuter* und der Ruderalflora Deutschlands I. Inaugural-Dissertation welche nebst beigefügten Thesen mit Genehmigung der hohen philosophischen Fakultät der Universität Breslau zur Erlangung der Doktorwürde Freitag, den 12 März 1886, 12 Uhr Mittags . . . offentlig verteidigen wird Franz Hellwig aus Danzig. Leipzig (Wilhelm Engelmann) 1886. Oct. (*Urspr. Ackerunkr.*).
Publ.: 12 Mai 1886, p. [i]-vi, [1]-39, [40 vita], [1, theses]. *Copy*: MO. – Reprinted from Engler, Bot. Jahrb. 7(4): 343-381. 28 Mai 1886; the second part (no reprint seen), "Spezieller Theil" was published ib. 7(5): 383-434. 10 Aug 1886.

Helmrich, Carl (1833-1868), German botanist from Silesia, practicing physician at Berlin. (*Helmr.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 820; Kew 2: 640; PR 3949; Rehder 1: 384.
Ascherson, P. F. A., Fl. Provinz Brandenburg 1: 6. 1864.
Pax, F., Schlesiens Pflanzenwelt 12. 1915.

2622. *Prodromus florae suidniciensis*. Dissertatio inauguralis botanica quam consensu et auctoritate gratiosi medicorum ordinis in alma litterarum Universitate Frederica Guilelma ut summi in medicina et chirurgia honores rite sibi concedantur die xvii. m. augusti a. mdccclvii. h.l.q.s. publice defendet auctor Carolus Helmrich silesius . . . Berolini [Berlin] (typis expressit Gustavus Schade) [1857]. Oct. (*Prod. fl. suidnic.*).
Publ.: 17 Aug 1857, p. [1]-31, [32, theses]. *Copy*: NY. – Prodromus of a flora of Schweidnitz in Lower Silesia near Breslau, now in Poland.

Helwing, Georg Andreas (1668-1748), German clergyman at Angerburg in Preussen. (*Helw.*).

HERBARIUM and TYPES: Some material at OXF.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 821; Clokie p. 181; Dryander 3: 171, 293, 4: 68; GR p. 87; Kew 2: 640; LS 11789-11790; NI 844; PR 3952-3954 (ed. 1: 4347-3439); Quenstedt p. 197; Rehder 5: 380; Tucker 1: 332.
Caspary, R., Festschrift zum 50 jähr. Bestehen d. Preuss. bot. Ver. Königsberg 1912, p. 216.
Fries, Th. M., Bref Skrifv. Linné 1(4): 48. 1910, 1(5): 260. 1911.
Lorek, C. G., Preuss. Bot. 3. 1849.

EPONYMY: *Helvingia* [sic] Adanson (1763, *nom.rej.*); *Helwingia* Willdenow (1806, *nom. cons.*).

2623. M. Georgii Andreae Helwingii, . . . *Flora campana* seu Pulsatilla, cum suis speciebus et varietatibus methodice considerata, et interspersis variis observationibus oculis curiosorum exposita, cum xii. iconibus, quarum nonnullae nunquam ante hac aeri incisae. Lipsiae [Leipzig] (Literis Immanielis Titii) s.s. [1719]. Qu. (*Fl. camp.*).
Publ.: 1719, p. [1]-100, *pl. 1-12* (uncol. copp. engr.). *Copy*: USDA.

Hempel, Gustav (1842-1904), German-born botanist and forester; studied at the mining academy of Freiberg 1861-1865 and at the forestry college at Tharand 1866-1868; from 1872-1876 at Giessen University; from 1873 in Austria, at the Mariabrunn Forestry College and at the Hochschule für Bodenkultur in Wien. (*Hemp.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 155; BM 2: 821; GF p. 59; Kew 2: 640; NI 845; Rehder 5: 380; SK 4: clxxxvi.

Anon. [J. Friedrich?], Centralbl. ges. Forstwesen 30: 379-382. 1904 (portr.).
Bettelheim, A., ed., Biogr. Jahrb. deut. Nekrol. 10: 46*. 1907 (further biogr. refs.).

COMPOSITE WORKS: *Centralblatt für das gesammte Forstwesen*, co-editor 1875-1877, sole editor 1877-1882; *Österreichische Forstzeitung*, editor 1882-1894.

2624. *Die Bäume und Sträucher des Waldes.* In botanischer und forstwirthschaftlicher Beziehung. Wien (Ed. Hölzer) Olmütz (id.) [1889-1900], 3 Abt. Qu. (*Bäume Sträuch. Wald.*). *Co-author*: Karl Adolf Wilhelm (1848-1933).

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	4	81-104	*10, 11, 12,*	Jan-Sep 1890
	5	105-128	*13, 14, 15,*	Jan-Apr 1891
	6	129-152	*16, 17, 18,*	Oct-Nov 1891
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2	9	1-16	*25, 26, 27,*	Jan-Apr 1893
	10	17-40	*28, 29, 30,*	Feb 1894
	11	41-64, err. sl.	*31, 32, 33,*	Feb 1895
	12	65-68	*34, 35, 36,*	Nov 1895
	13	89-112	*37, 38, 39,*	Jul-Aug 1896
	14/15	113-148, [i]-vii	*41, 43, 45-47, 52*	Jan 1897
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	17	25-48	*42, 50, 51,*	1898
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	20	97-140, [i]-viii	*57, 58, 60*	Jan 1900

The above data are based on a copy in original covers at MO. *Copies*: B, BR, M, MO, NY, US, USDA. – The 60 plates are chromolithographs of paintings by W. Liepoldt; there are 342 figures in the text.

Hemsley, William Botting (1843-1924), British botanist at Kew (1865-1867); worked as a private scientist 1867-1883, from 1883-1908 again at Kew in various capacities, ultimately (1899-1908) as keeper of the herbarium and library. (*Hemsl.*).

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EPONYMY: *Hemsleia* [sic] Y. Kudo (1929); *Hemsleya* Cogniaux (1889); *Hemsleyna* O. Kuntze (1891).

2625. *Handbook of hardy trees*, shrubs, and herbaceous plants. Containing descriptions, native countries, etc. of a selection of the best species in cultivation. Together with cultural details, comparative hardiness, suitability for particular positions, etc. Based on the french work of Messrs. Decaisne and Naudin . . . entitled 'Manuel de l'Amateur des Jardins', and including the original woodcuts by Riocreux and Leblanc. By W. B. Hemsley, . . . with an introduction by Edward S. Rand, Junr. . . . with nearly 300 illustrations. Boston (Estes & Lauriat) 1873. Oct. (*Handb. hardy trees*).
Publ.: 1873 (p. viii; Mar 1873), p. [iii]-xlviii, [1]-687, *Copies*: NY, USDA. – Based on TL 2/1339.
London issue: 1877, p. [i]-xlviii, [1]-687. *Copy*: Ned. Mij. Tuinbouw Plantk.

2626. *Diagnoses plantarum novarum* vel minus cognitarum *mexicanarum* et centrali-americanarum. Pars prima (-tertia). [London (Taylor and Francis)] 1878-1880. Oct. (*Diagn. pl. nov. mexic.*).

Pars 1: Cover (with imprint), p. [1]-16, Jul 1878.
Pars 2: Cover (id.), p. 17-37, Jul 1879.
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Copies: G, MICH, MO, U, US, USDA.
Facsimile reprint: Renner, Texas (Texas Research Foundation) 1962. *Copies*: L, NY. – Contains diagnoses of new taxa to be described in more detail in no. 2627. Some of the diagnoses in part 3, however, are later than those in the corresponding part of the *Biologia*.

2627. *Biologia centrali-americana*; or, contributions to the knowledge of the fauna and flora of Mexico and Central America edited by F. Ducane Godman and Osbert Salvin. *Botany* . . . by W. B. Botting Hemsley [Cycadaceae by W. T. Thiselton-Dyer]. London (published for the editors by R. H. Porter . . . and Dulau & Co. . . .) 1879-1888. 5 vols. Qu. (*Biol. cent.-amer., Bot.*).
Publ.: Mr. John Collins has kindly sent us the contents and dates as given on the original wrappers which deviate slightly from the dates printed with the signatures on the sheets.

Biologia centrali-americana ctd.

vol.	part	pages	*plates*	dates	notes
1	1	[1]-96	*1-7*	Sep 1879	
	2	97-184	*8-13*	Nov 1879	
	3	185-280	*14, 15*	Feb 1879	
	4	281-376	*16, 17*	Apr 1880	
	5	377-472	*18-30*	Jun 1880	
	6	473-568	*31-35*	Aug 1880	
	9 (p.p.)	569-619, title [i]	-	Oct 1881	
	25 (p.p.)	[iii]-v	-	Oct 1888	pref. Hemsley
	25 (p.p.)	[ix]-lxi	-	Oct 1888	intr. Hemsley
	25 (p.p.)	lxii-lxviii	-	Oct 1888	comm. Hooker
	25 (p.p.)	final title [i]	-	Oct 1888	
2	7	1-96	*36-43, 41**	Apr 1881	
	8	97-192	*44-49*	Jun 1881	
	9 (p.p.)	193-232	*50*	Oct 1881	
	10	233-328	*51-56*	Dec 1881	
	11	329-424	*57-61*	Feb 1882	
	12	425-520	*62-68*	Apr 1882	
	13	521-621, [i], [iii]	*69*	Jun 1882	
3	14	1-96	*70-76*	Oct 1882	
	15	97-184	*77-80*	Jan 1883	
	16	185-280	*81-84*	Feb 1884	
	17	281-376	*85-94*	Feb 1884	
	18	377-472	*95-100*	Feb 1885	
	19	473-568	-	Nov 1885	
	20	569-664	-	Dec 1885	
	21 (p.p.)	665-711, [i], [iii]	*109*	Feb 1886	
4	21 (p.p.)	1-48	-	Feb 1886	[sic, not 1887]
	22	49-144	-	Mar 1887	
	23	145-298	-	Aug 1887	
	24	299-410	*110*	Dec 1887	
	25 (p.p.)	411-498, [i], [iii]	.	Jan 1888	[date on sheet 3h]
5	25 (p.p.)	[v]-viii		Oct 1888	
		final title [i, iii]		Oct 1888	

Copies: G, MO, NY, U, US, USDA.
Volume 4, p. 116-332 contains the Appendix by J. D. Hooker, see also commentary on introduction and appendix by that same author in vol. 1, p. lxii-lxviii; it also contains the indexes (p. 333-498).
Volume 5 contains all the plates, numbers *1-41*, *41**, *42-109* of which are coloured (a few) or plain lithographs by W. H. Fitch; plate *110* is a map.
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vol.	part	pages	*plates*	dates
1	Introd.	[i]-xi, [1]-75	-	Jun 1885 (pref. 1 Jun, Nat. Nov. Jul)
	1	[1]-135, [128a]-128b	*1-13*	Apr-Dec 1884 (mss. rd. 4 Mar)
	2	[1]-299	*14-53*	Mai-Dec 1884 (mss. rd. 16 Apr)
	3(1)	[1]-96	*54-65*	Sep-Dec 1884 (mss. rd. 19 Aug)
	(2)	97-333	-	Mar-Jun 1885 (mss. rd. 26 Feb)

Copies: MO, U. – A second volume, *Diatomaceae*, by Conte F. Castracane degli Antelminelli, appeared in 1886 (see no. 1056). A further part, "on the other pelagic algae of the open ocean," announced by Hemsley in his editorial notes (p. xi) was never published. – The plates (uncol. liths.) are accompanied by letter press; artists W. H. Fitch and M. Smith, and Mitten.
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Ed. 1: 1803, p. [i*, t.p.], [i]-iv, [1]-437 (arabic numerals refer to columns).
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2631. *Enumeratio plantarum circa Regiomontum* Borussorum sponte *crescentium.* Königsberg (Hartung) 1817. Oct.†.(*Enum. pl. Regiomont.*).
Publ.: 1817, p. [i]-viii, [1]-240. (n.v.) – "Liber, jam anno 1812 ad bibliopolam Hartung missus, incompletus e prelo prodiit. Explicit in Monoecia classe cum Carice panicea." PR.

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HERBARIUM and TYPES: Unknown.

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2633. *Ohio mosses, Bryales* . . . Columbus, Ohio (Ohio Journal of Science) 1929. Oct. (*Ohio mosses*).
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Co-author: John William Griffith (1819-1901).

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Henkel, Johann Baptist (1815/1825-1871), German pharmacist at Würzburg 1851-1855; from 1860 lecturer and professor of pharmaceutical botany at Tübingen. (*Henkel*).

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2639. *Synopsis der Nadelhölzer*, deren charakteristischen Merkmale nebst Andeutungen über ihre Cultur und Ausdauer in Deutschlands Klima . . . Stuttgart (Verlag der J. G. Cottaschen Buchhandlung) 1865. Oct. (*Syn. Nadelhölz.*).
Co-author: Wilhelm Hochstetter (1825-1881).
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Watson, H. C., Topogr. bot. ed. 2. 547. 1883.

EPONYMY: *Hennedia* [sic] R. Brown (1893); *Hennediella* [sic] E. G. Paris (1896); *Hennedya* W. H. Harvey (1855).

2640. *Clydesdale flora*; a description of the flowering plants and ferns, of the Clyde District, arranged according to the natural orders, with a glossary of terms . . . Glasgow (David Robertson, . . .) 1865. Oct. (*Clydesdale fl.*).

Ed 1: 1865 (p. [iii]: Mai 1865), p. [i]-xxiv, [1]-219. *Copy*: HH.
Ed. 2: 1869 (p. viii: Mai 1869), p. [i]-xxiv, [i]-224. *Copy*: HH. – Glasgow (David Robertson, Hugh Hopkins) 1896. Oct.
Ed. 3: 1874, n.v. (Glasgow).
Ed. 4: 1878, front. portr. author, p. [i*], [i]-xl, [1]-256, *pl. 1-8* (uncol. liths. auct., on 4 lvs).
Copies: G, MO, NY. – "*The Clydesdale flora*: a description of the flowering plants and ferns of

the Clyde district, arranged according to the natural orders, with a glossary of terms and diagrams. By the late Roger Hennedy, ... Appendix by professor R. H. Paterson, Biographical sketch by William Simpson, esq., F.R.G.S. In memoriam edition, revised." Glasgow (Hugh Hopkins) 1878. Oct.

Ed.5: 1891 (pref. 14 Apr 1890, p. 241: 28 Oct 1890), p. [i]-xxxii, [1]-277, *pl. 1-8. Copy*: NY. – "Fifth edition, revised, with notes and an additional appendix, by Thomas King ..." Glasgow (Hugh Hopkins, ...) 1891. Oct.

Henneguy, Louis-Félix (1850-1928), French physician and embryologist at Montpellier, later at Paris, first editor of the Archives d'Anatomie microscopique. (*Henneg.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 157; BM 2: 823; CSP 10: 192-193, 15: 757-758; GR p. 362-363; Hirsch p. 120; Rehder 5: 382.

2641. Faculté de médecine de Paris. *Les lichens utiles.* Thèse présentée au concours pour l'agrégation (section d'anatomie, de physiologie et d'histoire naturelle) et soutenue à la faculté de médecine de Paris ... Paris (Octave Doin, ...) 1883. Oct. (*Lich. util.*).

Publ.: Jan-Jul 1883 (Bot. Zeit. 28 Sep 1883; Nat. Nov. Aug(2) 1883), p. [i]-viii, [1]-114. *Copies*: G, FH.

Hennert, Carl Wilhelm (1739-1800), German soldier, building-inspector and forester at Berlin; later specialized in forest insects; lecturer at the "Forstakademie" of Berlin. (*Hennert*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 157; PR 3967; Ratzeburg p. 235-237; Tucker 1: 333.

2642. *Bemerkungen auf einer Reise nach Harbke.* Ein Beytrag zur Forstwissenschaft und Gartenkunst. Berlin und Stettin (bey Friedrich Nicolai) 1792. Oct. (*Reise Harbke*).

Publ.: 1792 (p. 4: Mar 1791), p. [1]-88, 7 charts. *Copy*: MO. – Name of author only under preface. Contains a list of the trees grown and sold at Harbke.

Hennings, Paul Christoph (1841-1908), German self-taught cryptogamist, originally employed by the postal services; from 1874-1880 at the Botanical Garden Kiel (with Eichler); from 1880 onward at the Botanical Museum, Berlin-Dahlem; appointed royal professor 1902. (*Henn.*).

HERBARIUM and TYPES: B (for the greater part extant); other material at C, H, HBG, K, KIEL, L, S, W. Exsiccatae: (1) *Phycotheca marchica* (fasc. 1-2, nos. 1-100, Berlin 1893-1906), sets at B, BR, FH, KIEL, L, PAD, SI, W. (Hedwigia 32: 104-108. Mar-Apr 1893, Nat. Nov. Mar 1893); (2) *Kryptogamen-Typen*, Hamburg 1880 (120 cellular crypt. with some text and *22 plates*, n.v.).

Ref.: Fischer-Benzon, R. J. D. von, *in* P. Prahl, Krit. Fl. Schleswig-Holstein 2: 23-24. 1890.
Dennis, R. W. G., Taxon 1: 64. 1952 (isotypes at K).
Kohlmeyer in Potztal, Willdenowia 2: 783. 1961 (mycol. herb. extant).
Sayre, G., Mem. New York Bot. Gard. 19(1): 78-79. 1969.
Hiepko, P., Willdenowia 8: 391. 1978.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 228, 343; Backer p. 261; Barnhart 2: 158; BJI 1: 26, 2: 73; BM 2: 824, 6: 453; Bossert p. 171; CSP 13: 71, 794, 15: 760-761; De Toni 1: xxix; GR p. 18, cat. p. 65 ("P. Henn."); Hawksworth p. 183; Hortus 3: 1295 ("Hennings"); IH 2: 269; Kew 2: 646; Jackson p. 306; KR p. 287; Langman p. 359; Lenley p. 220; LS 11835-12055, 34462-34498 (important bibl.!); MW p. 173; NAF 1(1): 160, 7(15): 1068-1069, 9(6): 437-438; NI 850; Nordstedt p. 18, 35; Rehder 5: 382; Saccardo 1: 88; SBC p. 122 ("Henn."); Stevenson p. 1244; Urban-Berl. p. 275, 276, 301, 355; Zander ed. 10, p. 669. Anon., Bot. Not. 1908: 294; Torreya 8: 273. 1908.
Höhnel, Ann. mycol. 9(2): 166-175. Mar 1911 (summary of the results of a critical revision of

Hennings, Paul Christoph (1841-1908), bibl. & biogr. ctd.
122 genera of fungi described as new by Hennings; a majority (65) is unacceptable, one genus was based on insect excrements).
Lindau, G., Verh. bot. Ver. Brandenburg 50: xcii-cxiii. 1908 (portr., bibl.); Hedwigia 48: 1-5. 1909 (portr., bibl.); Bot. Gaz. 47(3): 239-241. 1909 (portr.; transl. Perkins); see also Naturwiss. Rundschau 23: 647. 1908.
Lloyd, Mycol. Notes 33: 426. 1909 (portr.).
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 148. 1947 (bibl. Pacif. Isl.).
Murrill, W. A., Hist. found. botany Florida 29. 1945.
Reiche, K., Grundz. Pflanzenverbr. Chile 33. 1907 (Veg. Erde 8).
Roth, E., *in* A. Bettelheim, Biogr. Jahrb. deut. Nekrol. 13: 101-103. 1910.
Szweykowski, J., Prodr. fl. hepat. Polon. 561. 1958.
Urban, I., Symb. ant. 2: 2. 1900.
Weberbauer, A., Pflanzenw. Peruan. Anden 30. 1911 (Veg. Erde 12).
Wittrock, V. B., Acta Horti Berg. 3(3): 137, *pl. 129*. 1905 (portr.).

COMPOSITE WORKS: (1) Editor of *Hedwigia*, vols. 40-48, 1901-1909 (co-editor Jun 1894 onward).
(2) *Essbare Pilze Ostafrikas, in* Deutsch Afrika 5B(6) 1895.
(3) Engler, *Pflanzenw. Ost-Afrikas, Basidiomyceten, in* C: 48-61. 15 Jun 1895, see also B: 163-164. 1895 (TL-2/1708).
(3) *Deutsche Südpolar-Expedition auf dem Schiffe "Gaus"* 1901-1903, Berlin 1906, Botanik, Pilze (Nat. Nov. Mai(2) 1907).
(4) EP, *Die natürlichen Pflanzenfamilien*, ed. 1 (TL-2/1710):
Dacromycetineae, 1(1**): 96. Dec 1897, 97-102. Feb 1898.
Exobasidiineae, 1(1**): 103-105. Feb 1898.
Hymenomycetineae, 1(1**): 105-144. Feb 1898, 145-192. Apr 1898, 193-240. Jul 1898, 241-276. Nov. 1898, 553-555. Sep 1900.
(5) Warnstorf et al., *Kryptogamenflora von Brandenburg*:
Onygenaceae, 7(1): 88-90. 15 Aug 1905,
Elaphomycetaceae, 7(1): 90-93. 15 Aug 1905,
Terfeziaceae, 7(1): 93-95. 15 Aug 1905,
Tuberaceae, 7(1): 150-160. 15 Aug 1905, 7(2): 162. 20 Nov 1921.
Balsamiaceae, 7(2): 162-163. 20 Nov 1911.

NOTE: Hennings was an amateur poet; Lindau (1909) reproduces his plattdeutsch hedgehock story in addition to some rhymes dealing with idiosyncrasies of botanists such as his note on the principle of priority: "Eifrigst durchstöbern sie früh bis spät / Vermoderte Folianten, / Nach denen schon längst kein Hahn mehr kräht, / Die kaum vom Hören sie kannten- / Sie suchen Autoren der Vorweltzeit, / Verschollene Pflanzennamen, / Die werden von Staub und Moder befreit, / Gefügt in neue Rahmen." It is perhaps good to take this poem out of its prehistoric (vorweltlich) dust and mud, by putting it in this more modern frame-work (Rahmen). Murrill (1945) did not share Lindau's generous opinion of Hennings: "H. was an excitable, unreliable sort of person who perspired over dusty bundles of fungi sent in from the uttermost parts of the earth to the Berlin Botanic Garden where Engler was director. He inspired my distrust when he claimed to remember the spore measurements of scores of species. Maybe he did." See also Dennis (1952). For a critical evaluation of H's mycological work see e.g. Höhnel (1911).

EPONYMY: *Henningsia* F. A. G. J. Möller (1895); *Henningsiella* Rehm (1895); *Henningsinia* F. A. G. J. Möller (1901); *Henningsocarpum* O. Kuntze (1891); *Henningsomyces* O. Kuntze (1898); *Henningsomyces* P. A. Saccardo (1905); *Neohenningsia* S. H. Koorders (1907).

2643. *Standorts-Verzeichniss der Gefässpflanzen in der Umgebung Kiels* . . . Kiel (Druck von Schmidt & Klaunig) 1876. Oct. (*Standorts-Verz. Gefässpfl. Kiel.*).
Publ.: Oct-Nov 1876, p. [1]-64, [i]-v, [1, err.]. *Copy*: HBG. – Reprinted from Schrift. naturw. Ver. Schlesw.-Holst. 2: 147-208. 1876. For a *Nachtrag* see ib. 4: 71-79. Oct-Nov 1883.

2644. *Botanische Wanderungen durch die Umgebung Kiel's* . . . Kiel (C. F. Haeseler) 1879. Oct. (*Bot. Wander. Kiel.*).

Orig. ed.: 1879 (in four parts, Nat. Nov. Jul(1) 1879; Bot.Zeit. 22 Aug 1879), p. [1]-85, [1, err.]. *Copies*: FH, NY. – Reprint from Schlesw.-Holst. Tageblatt.
Ed. 2: 1892, p. [1]-85, err. p. 3 of cover. *Copy*: HBG. – Kiel (H. Eckardt's Verlag).

Hénon, Jacques-Louis (1802-1872), French politician and botanist at Lyon; Dr. med. Montpellier 1841; director of the departmental tree nurseries of the Rhône. (*Hénon*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 382; Barnhart 2: 158; Bossert p. 171; CSP 3: 281, 7: 950, 15: 763; Hortus 3: 1195 ("Hénon"); Jackson p. 139, 284; Kew 2: 646; Langman p. 359; LS 12056-12057; NI 1832-1836a; PR 3969 (ed. 1: 4365); Rehder 5: 382; Tucker 1: 333.
Anon., Bull. Soc. bot. France 19(C.R.): 168. 1872; 23 (sess. extr.): clxxvii-clxxxviii. 1876 (coll. still. private).
Gay, Bull. Soc. bot. France 8: 143-144. 1861.
Hénon, Mme [Aurélie Favre], Notice sur J.-L. Hénon d'après les documents conservés par sa famille. Lyon 1874, 100 p. (bibl.).
Magnin, A., Bull. Soc. bot. Lyon 32: 11-13. 1907, 35: 35. 1910 (bibl., original sources).

EPONYMY: *Henonia* Moquin-Tandon (1849). *Note*: *Aurelia* J. Gay (1858) is dedicated to his wife, Aurélie Favre (1840-1903), herself a botanist and a botanical artist. *Henonia* Cosson & Durieu (1855) and *Henophyton* Cosson & Durieu (1856) are dedicated to Adrien Hénon (*fl.* 1849-1859), French military interpreter and later teacher of Arabic in Algeria, who made botanical collections in that country. *Henoniella* J. E. Duby (1877) is dedicated to Augustin Hénon, son of J. L. Hénon, who collected Musci in Japan.

2645. *Notice sur l'oxalide de Deppe*, Oxalis deppei, Lodd. bot. cab. no. 1500 . . . Lyon (Chez Barret, . . .) 1838. Oct. (*Note oxal. Deppe*).
Publ.: 1838, p. [1]-13, *pl. 1-3* (uncol. liths., unsigned). *Copies*: G, HH. – Reprinted from Ann. Sci. phys. nat. Lyon 1: [83]-93, *pl. 6-8*. 1838 (reprint with journal pagination at NY).

Henrard, Jan Theodor (1881-1974), Dutch agrostologist and malacologist; studied pharmacy at Groningen (1901-1906) under Eykman; practicing pharmacist at Gorinchem 1909-1915, at the Hague 1915-1922; from 1921-1946 curator of the Rijksherbarium at Leiden, Dr. phil. (plant taxonomy) Utrecht 1929 under Pulle. (*Henr.*).

HERBARIUM and TYPES: L; other material B, BR, LAS.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(2): 404; Backer p. 261; Barnhart 2: 158; BL 2: 423, 667; Bossert p. 171; Kew 2: 646; IH 2: 269; JW 2: 192; Langman p. 359; Lenley p. 220; MW p. 173, suppl. p. 95.
Kuiper, Basteria 39(3-6): 69-74. 1975 (on H's work as a malacologist).
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 148. 1947 (bibl. Pacif. Isl.).
Ooststroom, S. J. van, Blumea 22(2): 156-157. 1975 (portr.).

COMPOSITE WORKS: Pulle, *Flora of Suriname*, *Gramineae* (with G. J. H. Amshoff).

FESTSCHRIFT: Blumea, supplement iii, Jubileumdeel voor Dr. J. Th. Henrard Jubilee volume 1946. Leiden, p. [1]-125, [126], with portraits of H., dedication by H. J. Lam, a biographical sketch by W. A. Goddijn and a botanical bibliography by H. J. v. d. Hee.

EPONYMY: *Henrardia* C. E. Hubbard (1946).

2646. *A critical revision of the genus Aristida* being a preliminary study and an introduction to the monograph. Leiden (Firma P. W. M. Trap) 1926-1928, 3 volumes. (*Crit. revis. Aristida*).

Vol. 1: 15 Jun 1926 (p. viii: Jun 1926; see p. 220), p. [i]-viii, [1]-220. – Mededeelingen van 's Rijks Herbarium Leiden. No. 54 (1926).
Vol. 2: 1 Aug 1927 (p. 464), cover, p. 221-464. – Id. 54 A (1927).
Vol. 3: 15 Jul 1928 (p. 701), cover, p. 465-701. – Id. 54 B (1929).

Supplement: Leiden (H. Buurman) 1933, *publ.* 1 Dec 1933 (p. 747), p. [i], 703-747. Id. 54 C (1933).

Copies: FAS, G, L, MO, US.

2647. *Monograph of the genus Aristida.* Proefschrift ter verkrijging van den graad van doctor in de wis- en natuurkunde aan de rijksuniversiteit te Utrecht op gezag van den rector-magnificus Dr. H. Th. Obbink, hoogleraar in de faculteit der godgeleerdheid, voor de faculteit der wis- en natuurkunde te verdedigen op woensdag 3 Juli 1929, ten 4 ure n.m. door Jan Theodoor Henrard conservator aan 's Rijksherbarium geboren te Maastricht. Leiden (Drukkerij voorheen firma P. W. M. Trap) [1929]. Oct. (*Monogr. Aristida*).
Publ.: 3 Jul 1929, p. [i]-vii, front., [1]-153, *pl. 1-60. Copies*: MICH, USDA. – Thesis issue of vol. 1 of the complete work as listed below.

2648. *A monograph of the genus Aristida.* Leiden (1: Boekdrukkerij voorheen P. W. M. Trap, 2 and index: Drukkerij H. Buurman) 1929-1932, 2 vols. Oct. (*Monogr. Aristida*).

Vol. 1: 1 Oct 1929 (orig. cover), front., p. [i-vii], [1]-153, *pl. 1-60.* – Mededeelingen van 's Rijks Herbarium Leiden no. 58 (1929).
Vol. 2: 1 Jul 1932 (orig. cover), p. [155]-325, *pl. 61-169.* Id. 58a (1932).
Index: 1 Nov 1933 (orig. cover), p. [i*], [i]-xii. – Id. 58b (1933).

Copies: G, MO, NY, US.

2649. *Monograph of the genus Digitaria.* Leiden (Universitaire Pers) 1950. Oct. (*Monogr. Digitaria*).
Publ.: 15 Jan 1950 (p. 999: "edited [= published] 15 January 1950"), frontisp., p. [i]-xxi, [1]-999. *Copy*: U.

Henriques, Julio Augusto (1838-1928), Portuguese botanist, ultimately professor of botany and director of the botanical garden at Coimbra. (*Henriq.*).

HERBARIUM and TYPES: COI; other material B, BM, H, K, L, LISI, LY, MPU, W. – Exsiccatae: *Flora lusitanica exsiccata* (col. 1880-1911, cent. i-xix) at B, L, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 464; Barnhart 2: 158; BL 1: 52, 300, 2: 469, 470, 473, 667; BM 2: 824; Bossert p. 171; Colmeiro 1: clxxix; CSP 15: 764; De Toni 1: lxiii, 2: lxiv; GR p. 766, cat. p. 65; Hawksworth p. 183; Hirsch p. 120; Hortus 3: 1195 ("Henriq."); IH 2: 269; Jackson p. 446; Kew 2: 647; Langman p. 359; LS 12060-12064; Rehder 5: 383; SBC p. 122 ("Henr."); SO 2878, 2919, 2949b; Tucker 1: 333-334; Urban-Berl. p. 355.
Allorge, Rev. bryol. ser. 2. 1(2-3): 175. 1928.
Anon., Bull. misc. Inf. Kew 1928: 301-302; Ann. crypt. exot. 1(3): 310. 1928.
Britten, J., J. Bot. 66: 245. 1928.
Dolezal, H., Friedrich Welwitsch 121-122, 133, 135-137, 146. 1974.
Husnot, T. H., Rev. bryol. 18(3): 46-47. 1891.
Telles Palhinha, Portug. Acta biol. ser. B, vol. Júlio Henriques v-xxv. 1949 (portr., bibl.; lists numerous necrologies).
Willkomm, M., Grundz. Pflanzenverbr. Iber. Halbinsel 20, 25. 1896 (Veg. Erde 1).

COMPOSITE WORKS: Founder and editor of the *Boletim de Sociedade Broteriana* (1-28, and ser. 2, 1-6, 1883-1927).

EPONYMY: *Henriquesia* Passerini & von Thümen (1879).

2650. *Contributiones ad floram cryptogamicam lusitanicam.* Enumeratio methodica algarum, lichenum et fungorum herbarii praecipue Horti regii bot. Universitatis conimbricensis. Conimbricae [Coimbra] (typis academicis) 1880. Oct. (*Contr. fl. crypt. lusit.*).
Publ.: Dec 1880 [?, or 1881] (p. [5]: Cal. Dec 1880; Hedwigia Mai 1882), p. [1]-65. *Copies*: BR, MO. – Apart from the late notice by Hedwigia we have no further indication that the publication did not come out in 1880; however, De Toni (1891) lists it for 1881.

2651. Sociedade de geographia de Lisboa. *Expediçao scientifica á Serra da Estrella* em 1881. Secçao de botanica. Relatorio do Sr. Dr. Julio Augusto Henriques. Lisboa (Imprensa nacional) 1883. Qu. (*Exped. Serra da Estrella*).
Publ.: Jan-Aug 1883 (p. 6: Mai 1882; Bot. Zeit. 26 Oct 1883; Nat. Nov. Sep(2) 1883), p. [1]-133, 2 maps. *Copy*: USDA.

Henry, Aimé Constant Fidèle (1801-1875), French-born (Douai) artist, lithographer

founded the firm Henry and Cohen; published many illustrated botanical works. (*A. Henry*). and publisher; came to Germany in 1816 to work with Arnz & Co., Düsseldorf; later at Bonn,
HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 159; BM 2: 824; Bret. p. 774, 1092; CSP 3: 283; Jackson p. 162, 163; Kew 2: 648; Moebius p. 98; NI 851-853; PR 3971; Rehder 5: 383; Tucker 1: 334.
Nissen, C., Philobiblon 6(8): 302-303. 1933 (bibl.).
Schmid, G., Chamisso als Naturforscher 168. 1942.
Zuchold, E. A., Jahresber. nat. Ver. Halle 5: 21. 1853 (bibl. of his publ. on leafbuds).

COMPOSITE WORKS: (1) T.F.L. Nees von Esenbeck (q.v.), *Das System der Pilze*. (1837) (1858). (2) See Nissen (1933) for a list of books with lithographs coming from the Henry & Cohen firm.

EPONYMY: *Henrya* C. G. D. Nees (1845). *Note*: *Henryettana* A. Brand (1929) is dedicated to Mrs. Augustine Henry (1857-1930), Irish botanist, dendrologist, who collected in China. *Henrya* W. B. Hemsley (1889), *Henryastrum* Happ (1937), and *Neohenrya* W. B. Hemsley (1892) are also named after Augustine Henry, but at the same time commemorate the Reverend Benjamin Couch Henry (1850-1901), who collected in China. *Henrica* Bouley de Lesdain (1921) is dedicated to Abbé Joseph Henry (*fl.* 1903-1914), who worked and collected in Italy.

2652. *Die Giftpflanzen Deutschlands* zum Schulgebrauch und Selbstunterricht durch Abbildungen und Beschreibungen erläutert von A. Henry . . . Mit einem Vorworte von Dr. Th. F. L. Nees von Esenbeck . . . Bonn (Verlag des lithographischen Instituts der rheinischen Friedrich Wilhelms-Universität von Henry et Cohen) 1836. Duod. (in sixes). (*Giftpfl. Deutschl.*).
Preface by: Theodor Friedrich Ludwig Nees von Esenbeck (1787-1837).
Publ.: Jan 1836 (p. [iv]: Sep 1835; Flora rd. 10 Feb 1836 p. [i-vi], [1]-48, *32 pl.* (partly hand-col. liths.). *Copies*: NY, USDA. – See also Miquel (1836), for a similar Dutch text accompanied by the same plates.

Henry, Joseph Kaye (1866-1930), Canadian botanist, at first high school teacher at Vancouver 1891-1906, at McGill Univ. College, Vancouver 1906-1915, ultimately (from 1915) professor of English at the University of British Columbia. (*J. K. Henry*).

HERBARIUM and TYPES: Some material at MO and NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 159; BL 1: 135, 300; BM 6: 454; Hortus 3: 1195 ("J. Henry"); IH 2: 269; Kew 2: 648; LS suppl. 11322-11324; NW p. 48; Saccardo 2: 58.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 475 [index]. 1963.

2653. *Flora of the southern British Columbia and Vancouver Island.* With many references to Alaska and northern species . . . Prescribed for use in the schools of British Columbia. Toronto (W. J. Gage & Co., Limited) s.d. [1925]. Oct. (size). (*Fl. s. Brit. Columbia*).
Publ.: 1915 (p. v: 2 Aug 1915), p. [i]-xiii, [xiv-xv], 1-363. *Copies*: MICH, MO, NY, US, USDA; IDC 7556.
Supplement: J. W. Eastham, *Supplement to 'Flora of Southern Columbia'* (J. K. Henry) comprising descriptions of additional species and varieties, significant extensions of range and corrections . . . Special publication no. 1, British Columbia Provincial Museum, Department of Education, Victoria, B.C. 1947, p. [1]-119. *Copy*: USDA.

Henschel, August Wilhelm Eduard Theodor (1790-1856), German physician, botanist and historian of the life sciences at Breslau (Wroclaw). (*Hensch.*).

HERBARIUM and TYPES: WRSL (main herb. left to Schles. Ges. vaterl. Kultur) and W; other material at B and CN.
Ref.: Anon., Bot. Zeit. 14: 712. 1856.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 160; Backer p. 261; BM 2: 825; CSP 3: 295; Hortus 3: 1195 ("Henschel"); IH 2: 270; Jackson p. 14, 430; Moebius p. 344; MW p. 175; PR 3972-3975 (ed. 1: 4368-4372); Rehder 5: 384; Tucker 1: 334.
Anon., Bot. Not. 1858: 14; Bot. Zeit. 14: 600. 1856; Flora 39: 574-575. 1856; Bull. Soc. bot. France 3: 447. 1856.
Nees von Esenbeck, Bonplandia 4: 263-264. 1856. (cognomen: Conring).
Schmid, G., Chamisso als Naturforscher 168. 1942.
Seemann, B., Bonplandia 6: 336. 1858.
Sirks, M. J., Ind. natuurond. 298 [index]. 1915.

EPONYMY: *Henschelia* K. B. Presl (1835).

2654. *Vita G. E. Rumphii*, Plinii indici. Accedunt specimen materiae Rumphianae medicae clavisque herbarii et thesauri amboinensis. Quae munus professoris medicinae ordinarii in universitate regia vratislaviensi literaria rite auspicaturus gratiosi medicorum ordinis auctoritate edidit et die augusti mdcccxxxiii hora palam defendet Aug. Guil. Ed. Th. Henschel, . . . adsumpto socio Sam. Pappfnheim, med. stud. Vratislaviae [Breslau] (apud Schulzium et Socios) 1833. Oct. (*Vita Rumphii*).
Co-author (". . . assumpto socio") S. Pappfnheim.

Thesis ed.: Aug 1833 (date thesis), front., p. [i]-xiv, [1, h.t.], [1]-215, [216, err.]. *Copies*: BR, G, M, MD, MICH.
Trade ed.: Aug-Dec 1833, p. [i]-xiv, [1, h.t.], [1]-215, [216, err.], *1 pl. Copy*: NY. – "*Clavis Rumphiana* botanica et zoologica. Accedunt vita G. E. Rumphii, Plinii indici, specimenque materiae medicae amboinensis . . ." Vratislaviae (apud Schulzium et Socios) 1833. Oct.

Henschen, Salomon Eberhard (1847-1930), Swedish physician and botanist, later at the Karolinska Institut (1900-1912). (*Henschen*).

HERBARIUM and TYPES: Main collection at S and UPS. The original Regnell material worked upon by Henschen is at S. (The entry on the herbarium normale in IH is erroneous).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 160; BM 2: 825; Bossert p. 172; CSP 7: 953, 12: 326, 15: 771-772; Hortus 3: 1195; IH 2: 270; Jackson p. 139, 373; Kew 2: 649; KR p. 289.
Dahlgren, Sv. bot. Tidskr. 56(3): 465-470. 1962 (on Henschen, Lindberg and Regnell in Brazil).
Henschen, S., *in* L. R. Grote, ed., Die Medizin der Gegenwart in Selbstdarstellungen, vol. 5, 1925 (autobiography).
Urban, I., Fl. bras. 1(1): 31-32. 1906 (itin.; orig. biogr. info.).
Wittrock, V. B., Acta Horti Berg. 3(2): 41. 1903, 3(3): 15-16, *pl. 110.* 1905 (portr.).

2655. *Études sur le genre Peperomia* comprenant les espèces de Caldos, Brésil. Upsal [Uppsala] (Ed. Berling) 1873. Qu. (*Étud. Peperomia*).
Publ.: Jan-Mar 1873 (submitted 9 Oct 1872; Flora rd. Apr 1873; Bot. Zeit. 9 Mai 1873), p. [i], [1]-53, [54, err.], *pl. 1-7* (uncol. lith. by author). *Copy*: G. – Reprinted from Nova Acta Ups. ser. 3. 8 (fasc. 2). 1873.

Henslow, Rev. George (1835-1925), British clergyman, B. A. Cambridge 1858; teacher, popular writer and lecturer; son of J. S. Henslow; brother-in-law of J. D. Hooker; curate of Steyning, Sussex (1858-1861); headmaster of Hampton Lucy Grammar School 1861-1865, id. at London, Stove Street, 1865-1886; lecturer to St. Bartholomew's medical school (1886-1890); hon. professor of botany to the Royal Horticultural Society. (*G. Hensl.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 161; BB p. 145; BL 2: 219, 667; BM 2: 826; CSP 3: 296, 7: 954, 10: 199, 12: 326, 15: 774-775; Desmond p. 302-303; Jackson p. 64, 231, 238, 384; Kew 2: 649-650; Langman p. 359; Lasègue p. 214, 381; NI 854-855; Plesch p. 255; Quenstedt p. 197; Saccardo 1: 89; Tucker 1: 334-335.
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Huxley, L., Life letters J. D. Hooker 1: 374, 452. 1918.
Jackson, B. D., Proc. Linn. Soc. London 138: 82-83. 1926, also in Nature 117: 130. 1926.
Rendle, A. B., J. Bot. 64: 55-56. 1926.
Schmid and Guédès, Taxon 24(5/6): 663. 1975.
Wittrock, V. B., Acta Horti Berg. 3(2): 93-94. 1903.

2656. *The student's catalogue of British plants.* Arranged according to the student's flora of the British Isles, by Sir J. D. Hooker, . . . compiled by Rev. George Henslow, . . . London (Frederic Norgate, . . .) s.d. [1879]. Qu. (in 2-s). (*Stud. cat. Brit. pl.*).
Publ.: 1879, [1]-44. *Copy*: NY.

Henslow, John Stevens (1796-1861), British clergyman, botanist and mineralogist at Cambridge (1822, 1825); vicar of Cholsey, Berks. (1832), then rector of Hitcham (1837). (*J. Hensl.*).

HERBARIUM and TYPES: CGE and Saffron Waldon Museum (fide BB); further material at AK, GL, IPS, K, NTN, OXF, P. Letters at BM, K, and Fitzwilliam Museum (Cambridge).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 161; BB p. 145-146; BL 1: 95, 301, 2: 266, 667; BM 2: 826; Bossert p. 172; Clokie p. 181; CSP 3: 296, 12: 326; Desmond p. 303; DNB 26: 135; DSB 6: 288-289; Hortus 3: 1195 ("Hensl."); IH 2: 270; Jackson p. 558 [index]; Kew 2: 650-651; Langman p. 359; Lenley p. 221; LS 12079-12082; MW p. 175; NI 2222, 2224; PR 3977-3980 (ed. 1: 4374-4377); Quenstedt p. 197; Rehder 5: 384; Tucker 1: 335, 776; Zander ed. 10, p. 669-670.
Allan, M., The Hookers of Kew 239 [index]. 1967.
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Barlow, N., ed. Darwin and Henslow, the growth of an idea. Letters 1831-1860. Bentham-Moxon Trust, John Murray, London 1967, xii, 251 p., map, *8 pl.*, also: Univ. of California Press, Berkeley and Los Angeles, 1967.
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Henslow, G., J. Roy. Hort. Soc. 38: 220-224. 1913 (portr.); also: *in* Oliver, F. W., Makers Brit. bot. 151-163, 225, 275. 1913 (portr.).
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Kent, D. H., Brit. herbaria 59. 1957.
Martin, Trans. Suff. Nat. Soc. 13(6): 406-408. 1967.
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Trimen, H., J. Bot. 16: 382. 1878.
Wittrock, V. B., Acta Horti Berg. 3(3): 79. 1905.
Woodward, H. B., Hist. geol. Soc. London 240. 1907 (n.v.).

COMPOSITE WORKS: Co-editor (with B. Maund) of *The Botanist*, London 1837-1846, vol. 1-5, †.

EPONYMY: *Henslowia* Wallich (1831-1832); *Henslowia* Blume (1850).

2657. *A catalogue of British plants*, arranged according to the natural system, with the synonyms of de Candolle, Smith, and Lindley ... Cambridge (Printed by James Hodson ...) 1829. Oct. (in fours). (*Cat. Brit. pl.*).

Ed. 1: 1829, p. [1], [1]-40. *Copies*: G, HH.
Ed. 2: 1835 (p. iii: Jun 1835), p. [i-vi], columns 1-108, p. [109]-115. *Copies*: HH, NY. – "Second edition." Cambridge (printed by W. Metcalfe, ...) 1835. Oct. (in fours).

2658. *The principles of descriptive & physiological botany*. London (published by Longman, Rees, Orme, Brown & Green ... and John Taylor) 1835. Oct. (*Princip. bot.*).
Publ.: 1835, front., p. [i]-viii, [1]-322. *Copy*: US. – Other t.p.: "*The cabinet encyclopaedia* ... Natural history. Descriptive and physiological Botany." (vol. 75.).

2659. *A dictionary of botanical terms* ... Illustrated by nearly two hundred cuts. London (Groombridge and Sons) s.d. Oct. (in fours). (*Dict. bot. terms*).
Orig. ed.: issued in small parts with *The botanic garden* and *The botanist*. (Dates unknown: BM has 1837?-1851?, PR "1850", first review by BSbF Jul-Aug 1856), p. [i-iv], [1]-218. *Copy*: MO.
New "edition" (reissue): London (id.) s.d., publ. 1858, p. [i-iv], [1]-218. *Copies*: NY, US, USDA.
A further new "edition" came out in 1891, London (Newman) (Nat. Nov. Jan (1). 1892) (n.v.).

2660. *Flora of Suffolk*: a catalogue of the plants (indigenous or naturalized,) found in a wild state in the county of Suffolk; by the rev. J. S. Henslow, ... and Edmund Skepper ... London (Simpkin & Marschall), Bury St. Edmund's (Jackson and Frost) s.d. [1860]. Duod. (in sixes). (*Fl. Suffolk*).
Co-author: Edmund Skepper (1825-1867), druggist at Harwich and Bury St. Edmund's.
Publ.: 1860 (p. viii: 4 Jun 1860), p. [i]-x, [1, h.t.], [1]-139. *Copy*: NY. – According to Martin (1967), Henslow's name was included as co-author without his consent.

Hentig, H. (*fl.* 1881), German botanist. (*Hentig*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 231; BM 2: 826; CSP 12: 326; Rehder 5: 384.

2661. *Flora von Eberswalde* und Umgegend. Aufzählung und Beschreibung der wildwachsend beobachten Phanerogamen und Gefässkryptogamen, sowie der wichtigsten Kultur- und Zierpflanzen nebst ausführlicher Anleitung zum Bestimmen derselben. Zusammengestellt von H. Hentig. Berlin (Mager und Müller) 1881 [changed in ink to 1882]. Oct. (*Fl. Eberswald.*).
Publ.: Jan-Feb 1882 (Bot. Zeit. 24 Feb 1882; Nat. Nov. Feb(2) 1882), p. [i]-xxxii, chart, [1]-172. *Copy*: B.

Hepp, Johann Adam Philipp (1797-1867), German physician, lichenologist and political activist who lived in exile in Switzerland 1851-1867. (*Hepp*).

HERBARIUM and TYPES: BM (2406 lich., 770 bryoph., 1640 algae). Algae also at G. *Exsiccatae*: (1) *Die Flechten Europas* in getrockneten mikroskopisch untersuchten Exemplaren mit Beschreibung und Abbildung ihrer Sporen. Vols. 1-16, fasc. 1-32, nos. 1-962. Zürich (Meyer und Zeller), 1853-1867, vols. 13-16 published by Jean Müller Argoviensis (1826-1896). Sets in many herbaria, e.g. B, BRN, BM, CM, FH, G, NY, O, PC, S, STR, UPS. Text issued separately as *Abbildungen und Beschreibungen der Sporen* ... see no. 2663. A continuation of Schaerer, *Lichenes helvetici exsiccati*.
(2) *Systematische Sammlung* der von Dr. Hepp im Kanton Zürich selbstaufgefundenen Flechten, nebst ihrer mikroskopisch untersuchten Sporen, geordnet nach Schaerer's Enumeratio critica lichen. eur. fasc. 1, *pl. 1-18*, nos. 1-250. Zürich 1849-1852. Sets at B, HAL.
Ref.: LS 12087 (dates, numbers of (1)).
Nylander, Bull. Soc. bot. France 1: 257-259, 319-320. 1854.

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Sayre, G., Mem. New York Bot. Gard. 19(1): 133-134. 1969.
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BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 161; BM 2: 826; CSP 3: 300; DTS 1: 110, 4: xlv; Frank 3(Anh.): 43; GR p. 18-19 (important biogr. references), cat. p. 65; Hawksworth p. 183; IH 2: 270; Jackson p. 228, 312; Kew 2: 652; Krempelh. 1: 270; LS 12083-12092; NI 856; PR 3981-3982 (ed. 1: 4379); SBC p. 122 ("Hepp"); Urban-Berl. p. 287.
Anon., Bot. Zeit. 25: 88. 1867.
Koster, J. T., Taxon 18: 583. 1969 (algae at G).

EPONYMY: *Arctoheppia* Lynge (1938); *Heppia* Naegeli (1853); ×*Heppiantha* H. E. Moore (1954); *Heppiella* Regel (1853); *Heppiomyces* Ciferri & Tomaselli (1953); *Neoheppia* A. Zahlbruckner (1909); *Pseudoheppia* A. Zahlbruckner (1903).

2662. *Lichenen-Flora von Würzburg*, oder Aufzählung und Beschreibung der um Würzburg wachsenden Flechten mit einer neuen Zusammenstellung der Gattungen und einer fasslichen Erläuterung der Gattungsmerkmale begleitet; für Anfänger der Flechtenkunde bearbeitet von Philipp Hepp, . . . Mit lythographirten [sic] Abbildungen der zu erklärenden Gattungen. Mainz (Bei Florian Kupferberg) 1824. Oct. (*Lich.-Fl. Würzburg*).
Publ.: 1824 (Flora 28 Oct 1824), p. [i-iii], [1]-105, [106, expl. pl.], *1 pl.*, [1, err.] *Copies*: G, M, MICH, NY.

2663. *Abbildungen und Beschreibungen der Sporen* zum i. ii. iii. und iv. [Heft 2: v. vi. vii. und viii; Heft 3: ix. x. xi. und xii.; Heft 4: xiii, xiv, xv. und xvi] Band der Flechten Europas in getrockneten mikroskopisch untersuchten Exemplaren. Herausgegeben von Philipp Hepp, Dr. med. . . . Zürich (1-3: zu beziehen bei dem Herausgeber, 4: zu beziehen bei Dr. Müller in Genf). 1853-1867, 4 Hefte. (*Abbild. Beschr. Spor.*).

Heft 1: 1853 (t.p.; but Bot. Zeit. 16 Feb 1855, Flora Apr-Jun 1855) p. [i-viii], *pl. 1-26*, with text (partly col. liths.).
Heft 2: Jul 1857 (t.p.; Flora Mar-Apr 1858), p. [i-vi], *pl. 27-55* (id.).
Heft 3: Aug 1860 (t.p.), p. [i-vi], *pl. 56-82* (id.).
Heft 4: Apr 1867 (t.p.; Flora 18 Mai 1867), p. [i], *pl. 83-110* (id.).

Synonymen-Register zu Dr. Phil. Hepp's Flechten Europa's Band i-xvi und zu dessen Abbildungen der Flechten-Sporen Heft i-iv, Zürich 1867, cover, p. [1]-22.
Copies: MO, NY, USDA; IDC 714; Syn.-reg. also at MICH. – BM (2: 826) cites also an undated earlier index (to vols. i-xii and Hefte i-iii) of 17 p.

Herbert, William (1778-1847), British botanist who entered the Anglican ministry in 1814, active at Spotforth, Yorkshire. (*Herb.*).

TYPES: Hitchcock (List 2: 12) states that Herbert's types are at K. Mr. J. P. M. Brenan kindly informs us that there are indeed some types of Herbert in the Kew herbarium, mostly based on other people's collections. No plant collections made by Herbert are known to be at K. Some drawings are at the Royal Horticultural Society. Further investigation is needed.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 442, 569; Barnhart 2: 162; Backer p. 262; BB p. 146; BM 2: 827; Bret. p. 284; CSP 3: 305; Dawson p. 509; Desmond p. 303; DNB 26: 234; Frank 3(Anh.): 43; Hortus 3: 1195 ("Herb."); Jackson p. 100, 123, 558; Kew 2: 655; Langman p. 359; Moebius p. 350; MW p. 175; NI 857; Plesch p. 255; PR 3983-3984 (ed. 1: 4381-4382); Rehder 5: 385; RS p. 87; Zander ed. 10, p. 669.
Anon., Bot. Zeit. 5: 636-637. 1847; Flora 30: 656. 1847.
Dallman and Wood, Trans. Liverpool bot. Soc. 1: 73. 1903.
Guimond, A. A., The honorable and very reverend William Herbert, thesis. Madison, Wisc. [not publ.]. (bibl. on p. 218-231) (University Microfilms) (xerox copy FAS); also: *in* C. C. Gillispie, DSB 6: 295-297. 1972 (bibl., q.v. for various refs. not quoted here).
Nelmes & Cuthbertson, Curtis's Bot. Magaz. Dedic. 1827-1927. p. 46. 1932 (portr.).
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 567. 1963.

Roberts, H. F., Plant hybridization before Mendel, 1929, New York 1965, p. 36A [index].
Traub, H. P., An introduction to Herbert's "Amaryllidaceae, etc." 1837 and related works. Lehre 1970, 93 p., (also as intr. to facsimile reprint Amaryllidaceae, Lehre 1970).
Worsley, Herbertia 4: 13-27. 1937 (portr., bibl.), (with reprint of H's "On crosses and hybrid intermixtures in vegetables").

EPONYMY (genus): *Herbertia* Sweet (1827); (journal): *Herbertia* (American Amaryllis Society), Orlando, Florida. Vol. 3-[26], 1936-1959.

2664. *An Appendix.* By the hon. and rev. William Herbert. With plates. London (James Ridgway and Sherwood, Neely, and Jones) 1821. Oct. (in fours). (*Appendix*).
Publ.: Dec 1821 (probably; certainly between Oct 1821, date of postscript, and 1 Jan 1822), p. [i], [1]-52, *4 pl. Copies*: G, MICH, MO, NY, WU; IDC 5307. – Issued with the index to vols. 43-48 of the Botanical Magazine (1815-1821) and usually bound with vol. 48. The title on the original wrapper reads "*An Appendix* to the Botanical Magazine and the Botanical Register."
Ref.: Sealy, R., Kew Bull. 1939: 49-68.
Marshall, Herbertia 12: 37-38. 1947.
Stearn, W. T., J. Soc. Bibl. nat. Hist. 2: 375-377. 1952.

2665. *Amaryllidaceae*; preceded by an attempt to arrange the monocotyledonous orders, and followed by a treatise on cross-bred vegetables, and supplement ... London (James Ridgway and Sons, ...) 1837. Oct. (*Amaryllidaceae*).
Publ.: End of Apr 1837, p. [i]-vi, [vii, err., viii, adv.], [1]-428, *pl. 1-48. Copies*: G, MICH, MO, NY, US, USDA; IDC 111. – For an extensive commentary see Traub (1970). – The 48 plates are by W. Herbert; partly coloured in some copies.
Facsimile ed.: Lehre (J. Cramer) 1970, Historiae naturalis classica 79, ISBN 3-7682-0672-6. Introduction by W. H. Traub. *Copy*: FAS.
Ref.: GF p. 59 (q.v. for notes on the illustrations); Sotheby 336.
Stearn, W. T., J. Soc. Bibl. nat. Hist. 2: 376-377. 1952.
Stafleu, F. A., Taxon 19: 420-421. 1970.
Lubrecht, H., Early Amer. bot. Works 1907, no. 184.

Herbich, Franz (1791-1865), Austrian military surgeon and botanist, at Naples 1821-1824, from 1824 active mainly in Galicia and the Bucowina. (*Herbich*).

HERBARIUM and TYPES: W; other material at CERN and WRSL. Herbich left his library and herbarium to the Zoologisch-botanischer Verein Wien.
Ref.: Anon., Flora 48: 525. 1865.

BIBLIOGRAPHY and BIOGRAPHY: AG(1): 758; Barnhart 2: 162; Backer p. 652; BM 2: 827; Bossert p. 172; CSP 3: 305, 7: 956; 10: 200; Hortus 3: 1195 ("Herbich"); IH 2: 270; Kew 2: 655; Kanitz 306; PR 3985-3988 (ed. 1: 4383-4384); Rehder 5: 385; Saccardo 1: 89, 2: 58; Zander ed. 10, p. 669.
Neilreich, A., Verh. k.k. zool.-bot. Ges. 15: 963-974. 1865 (portr., bibl.).
Pax, F., Grundz. Pflanzenverbr. Karpathen 14-15, 31, 37, 38, 55, 56, 57, 59. 1898 (Veg. Erde 2(1)).
Schlechtendal, D. F. L. von, Bot. Zeit. 24: 88. 1866.
Wittrock, V. B., Acta Horti Berg. 3(2): 81. 1903.

EPONYMY: *Herbichia* Zawadsky ex Guillemin (1833).

2666. *Additamentum ad Floram Galiciae.* Auctore Dr. F. Herbich, ... Leopoli [Lwow], Stanislavoviae [Stanislawow], et Tarnoviae [Tarnów, Krakau] (apud Kuhn et Millikowski) et Przemysliae [Przemysl] (C. Wensel) 1831. Oct. (in fours). (*Addit. fl. Galic.*).
Publ.: 1831 (p. 6: 7 calend. dec. 1830), p. [1]-46, [1-2, index], *1 pl. Copies*: G, NY.

2667. *Selectus plantarum rariorum Galiciae et Bucovinae.* Czernovicii [Czernowitz; Chernovtsy] (Typis Petri et Joannis Eckhardt) 1836. Qu. (*Select. pl. Galic.*).
Publ.: Feb-Aug 1836 (p. 8: 13 Dec 1835, Flora rd. 14 Sep 1836), p. [1]-19. *Copies*: G, NY.

2668. *Stirpes rariores Bucovinae*, oder die seltenen Pflanzen der Bucovina von Dr. F. Herbich, . . . Stanislawow (Gedruckt bei Johann Paul Piller) 1853. Oct. (*Stirp. rar. Bucov.*).
Publ.: Aug-Sep 1853 (p. [9]: 20 Jul 1853; Flora rd. Oct-Nov 1854), p. [1]-65, [1-2, index], *Copies*: MO, NY.
Ref.: Anon., Flora 37: 668-671. 14 Nov 1854.

2669. *Flora der Bucovina*. Leipzig (Verlag von F. Volckmar) 1859. Oct. (*Fl. Bucovina*).
Publ.: 1859 (p. vi: 14 Nov 1858; BSbF Sep-Dec 1859), p. [i*], [i]-vi, [1]-460. *Copies*: BR, G, MO, NY.
Ref.: Anon., Bull. Soc. bot. France 6: 365-366. 1859.
Schlechtendal, D. F. L. von, Bot. Zeit. 18: 82-83. 1860.

Herbst, William (1833-1907), American physician and mycologist; M. D. Jefferson medical college 1855; practicing physician at Trexlertown, Lehigh Co., Pa., later also lectured at Muhlenberg College, Pa. (*Herbst*).

HERBARIUM and TYPES: PH (fungi and lichens); 200 further fungi at MICH. Manuscript of *Fungal flora* in Lloyd Library, Cincinnati.
Ref.: Pennell, F. W., Bartonia 22: 14. 1943.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 162; Bossert p. 172; CSP 15: 780; IH 2: 270; Stevenson p. 1244.
Harshberger, J. W., Bot. Philadelphia 291-293, 446. 1899 (portr.).
Herbst, W., Fungal fl. Lehigh Valley, 1899, frontispiece portrait of author.
Hesler, L. R., Biogr. sketches N. Amer. mycol. 1975, mss.
Kelly, H. A., *in* Kelly, H. A. & W. L. Burrage, Amer. med. biogr. 516. 1920; Some Amer. med. bot. 190-191. 1929.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 475 [index]. 1963.
Wittrock, V. B., Acta Horti Berg. 3(3): 197. 1905.

2670. *Fungal flora of the Lehigh Valley*, Pa. . . . Allentown, Pa. (Berkemeyer, Keck & Co.) 1899. Oct. (size). (*Fung. fl. Lehigh Valley*).
Publ.: Aug-Dec 1899 (p. [2]: 1 Aug 1899), frontisp. portr., p. [i-ii], [1]-229, *25* uncol. *pl.* *Copies*: Stevenson (*24 pl.*), USDA.

Herder, Ferdinand Gottfried Maximilian Theobald von (1828-1896), German botanist who studied law at Erlangen but who was denied admittance to the bar on political grounds; to St. Petersburgh 1856 in various functions (ultimately librarian) at the herbarium of the imperial botanical garden; Dr. phil. Leopoldina 1863; returned to Germany (Grünstadt) 1892, "Vermittler zwischen den russischen und deutschen Botanikern." (*Herder*).

HERBARIUM and TYPES: LE.
Ref.: Lipsky, V. I., Herb. S. Petersb. bot. Sada 95. 1898.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 162; BJI 1: 26; BM 2: 828-829; Bossert p. 172; Bret. p. 1065; CSP 3: 306, 7: 957, 10: 201, 12: 327, 15: 780-781; DTS 1: 110-111; Hortus 3: 1195 ("Herder"); IH 2: 270; Jackson p. 558 [index]; Kew 2: 656; Lipschitz 2: 259-263; LS 12098-12098a; MW p. 175, suppl. p. 96; PR 3989; Rehder 5: 385; SO 3659; TR 538-551, 1139, 1141; Tucker 1: 335; Zander ed. 10, p. 669.

Note: see Lipschitz 2: 259-263 for a complete bibliography and for further biographical references.

Anon., Bot. Not. 1897: 47; Pollichia 54: 16-19. 1896 (portr.); Leopoldina 32: 133-134. 1896.
Bettelheim, A., ed., Biogr. Jahrb. deut. Nekrol. 3: 92*. 1900.
Lipsky, V. I., S. Petersb. bot. sad. 3: 274-279. 1915.
Nadzon, G. A., *in* A. A. Fischer von Waldheim, Ist. Imp. S.-Petersb. bot. Sadà 213-217. 1899.
Radde, G., Grundz. Pflanzenverbr. Kaukasusländer 7, 13. 1899 (Veg. Erde 3).
Shetler, S. G., Komarov bot. Inst. 130-131. 1967.

Wittrock, V. B., Acta Horti Berg. 3(2): 174. 1903.
Zaunick, Nova Acta Leop. N.F. 33(180): 274-283. 1967 (portr., bibl., important study based on original sources).

BIBLIOGRAPHICAL WORKS: Herder published a continuation of Trautvetter's *Florae rossicae fontes* (TR) as *Fontes florae rossicae continuatio 1846-1879*, Bot. Centralbl. 5: 155-158, 185-188, 220-222, 281-284, 316-318, 346-348, 395-398, 406-408. 1881; 6: 31-34, 63-67, 137-138, 176-178, 245-247, 277-296, 324-329. 1881. A further important publication in botanical bibliography was his *Catalogus systematicus bibliothecae horti imperialis botanici petropolitani. Editio nova.* Petropoli 1886, xi, 510 p. (11.253 titles, 22.786 vols.). See also his *Biographische Notizen* mentioned below under no. 2671.

COMPOSITE WORKS: (1) Eduard Regel und F. von Herder, *Enumeratio plantarum in regionibus Cis- et Transiliensibus a cl. Semenovio anno 1857 collectarum* (1864-1870), see under Regel.

HANDWRITING: S. J. Lipschitz and I. T. Vasilczenko, Herbarium centrale URSS 98. 1968.

2671. *Reisen in den Süden von Ostsiberien* im Auftrage der Kaiserlichen Russischen geographischen Gesellschaft ausgeführt in den Jahren 1855-1859 durch G. Radde. Botanische Abtheilung oder Flora der Gebiete des Russischen Reiches östlich vom Altai bis nach Kamtschatka und dem Russischen Nordamerika, nach den von G. Radde, Rieder, Scharipoff, Sensinoff, Stubendorff und Anderen gesammelten Pflanzen. Monopetalae bearbeitet von F. v. Herder. Band 3 [4] . . . Moskau (In der Buchdruckerei der Kaiserlichen Universität) 1864-1879. Oct. (*Reis. Ostsib.*).
Publ.: A series of independently paged reprints from journals, of which five were issued under the "Reisen" title.

Heft 1: 1864 (p. ii: 12 Mar 1864; p. 3: 2/14 Feb 1864), p. [i-ii], [1]-46, *pl. 1-3*.
Heft 2: 1867, p. [i-ii], [1]-134, *pl. 6-9*.
Heft 3: 1869 (Bot. Zeit. 7 Mai 1869), p. [i-ii], [1]-53.
Heft 4: 1870 (Flora Mar 1871), p. [i-ii], [1]-73.
Heft [5]: Band 4, Heft 1: 1873 (p. 304: 13/25 Feb 1873), p. [1]-340.
Heft 6 and following: not included in the "Reisen" but reprints issued separately as independently paged reprints of *Plantae Raddeanae monopetalae*, a series of papers published in Bull. Soc. Natur. Moscou and Acta Hort. bot. Petrop. (the following list contains also the data on Hefte 1-5 of the "*Reisen*"):

Bulletin vol.	year	pages	Reisen vol.	Heft	pages	dates
37(1)	1864	190-235	3	1	[1]-46	1864
38(2)	1865	369-421		2	[1]-53	1865
40(1)	1867	201-241		2	54-96	1867
		406-447		2	97-134	1867
41(2)	1868	[1]-53		3	[1]-53	1868
43(1)	1870	[81]-111		4	[1]-31	1870
-(2)	1870	[174]-206, 208-217		4	32-73	1870
Acta 1(2)		283-586	4(1)	5	[1]-304	1873, Feb.
53(1)	1878	1-30		Add.	[1]-30	1878 (post Feb.)
Acta 7(1)		393-396 (J. H. Schultes)			[1]-4	1880
56(1)	1881	141-187			[1]-47	1881 (1880?)
58(2)	1883	367-415		6	[1]-49	1884, Jan-Mar
(3)	1883	38-111			50-122	1884, Jan-Mar
59(2)	1884	[231]-245		[7]	[1]-15	1885, Jan-Mar
60(1)	1885	[119]-166		[8]	[1]-48	1885
Acta 10(1)		1-82		[9]	[1]-82	1887

Copies (reprint series): G(2), NY, Leopoldina (see Zaunick 1967), US (incompl.), USDA (incompl.).

Collectors and contributing authors: see Herder, *Biographische Notizen* über einige in den Plantae raddeanae genannte Sammler und Autoren, *in* Engler, Bot. Jahrb. 9: 429-456. 1888. – Main collector: Gustav Ferdinand Richard Radde (1831-1903), pharmacist, from 1852 in Russia, travelled in Eastern Siberia 1855-1859.
Ref.: Zaunick, Nova Acta Leop. N.F. 33(180): 283. 1967.

2672. *Verzeichniss von G. Forster's Icones plantarum* in itinere ad insulas maris australis collectarum. Nach dem in der Bibliothek des kaiserlichen botanischen Gartens zu St. Petersburg befindlichen einzigen Exemplar zusammengestellt und erläutert von F. v. Herder . . . St. Petersburg 1885. Oct. (*Verz. Forst. Icon. pl.*).
Publ.: 1885, p. [1]-26. *Copy*: NY. – Acta Horti Petrop. 9: 485-510. 1885. – Description of a set of drawings by Johann Georg Adam Forster (1754-1794) at LE.

Hergt, Johann Ludwig (*fl.* 1822), German botanist at Hadamar. (*Hergt*).

HERBARIUM and TYPES: JE.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 829; PR 3990 (ed. 1: 4386); Rehder 1: 377.

2673. *Versuch einer systematischen Flora von Hadamar*, mit einer Anleitung zur Pflanzenkenntniss für Schulen, entworfen von J. L. Hergt. Hadamar (im Verlage der neuen Gelehrten-Buchhandlung) 1822. Oct. (*Vers. Fl. Hadamar*).
Publ.: 1822, (p. vi: Christmonat 1821), p. [i]-xvi, [1]-416. *Copies*: B, G, NY. – Hadamar is a town near Wiesbaden, Hessen.

Héribaud-Joseph, Frère (Caumel, Jean Baptiste) (1841-1918), French clergyman and botanist. (*Hérib.*).

HERBARIUM and TYPES: CLF; further material at BM (mosses, fide Sayre (1978) and diatoms, orig. fide Fryxell), K, L, MPU, P, PC, PH (diat.), S (diat.), WRSL. – Exsiccatae: *Collections des cryptogames de l'Amérique du Sud*, nos. 1-100, 1912. No set known, see Sayre (1969).
Ref.: Sayre, G., Mem. New York Bot. Gard. 19(1): 28. 1968; Bryologist 80: 509. 1978. Fryxell, G., Beih. Nova Hedwigia 35: 361. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 323, 2: 162; BM 2: 829, 6: 455; BL 2: 126, 136, 667; CSP 12: 327, 15: 784; IH 2: 270; IF p. 702; De Toni 1: xxix; Kew 2: 656; Rehder 5: 385; SBC p. 122 ("Hérib."); Tucker 1: 336.
Anon., Rev. bryol. 22(1): 16. 1895 (prix Montagne for Diatom. Auvergne); 27(2): 32 (id. for Muscin. Auvergne); 34(3/4): 723 (dupl. musci at MPU); Monde des Plantes 7: 50, 74. 1898 (bibl., eponymy).
Dangeard, Bull. Soc. bot. France 65: 70. 1918.

EPONYMY: *Heribaudia* M. Peragallo (1893); *Heribaudiella* Gomont (1896).

2674. *Flore d'Auvergne* contenant la description des familles, genres, espèces et variétés de toutes les plantes vasculaires qui croissent spontanément dans les départements du Puy-de-Dôme et du Cantal, l'indication de leurs propriétés usuelles, des clefs analytiques conduisant rapidement aux noms spécifiques et un vocabulaire des termes techniques employés dans cet ouvrage. Clermont-Ferrand (Typographie de Ferdinand Thibaud) 1883. Oct. (*Fl. Auvergne*).
Co-author: Frère Gustave (nothing is known to us about this author).

Ed. 1: 1883 (J. Bot. Oct 1883), p. [i]-xlviii, [1]-576. *Copies*: G, NY.
Re-issue: 1888 (Nat. Nov. Aug 1889), p. [i]-xlviii, [1]-576. *Copy*: HH. – Clermont-Ferrand (Michel Bellet & Fils, . . .) 1888. – New imprint on sticker on old t.p.
Supplément: 1892 (p. 51: Jun 1892; Nat. Nov. Jan 1893), p. [1]-51. *Copies*: HH, NY. – Clermont-Ferrand (Imprimerie M. Bellet & Fils) 1892, 18-mo.
Nouvelle edition 1915: Paris (de Sigord, Léon L'homme), Tours (Mame et Fils), Clermont-Ferrand (J. B. Valleix) 1915. Oct., publ. Jun-Dec 1915 (p. xv: 12 Mai 1915), p. [i]-xv, [xvi, analyse], [1]-638, [1, err.]. *Copy*: G. – "Flore d'Auvergne par le Frère Héribaud-

Fl. Auvergne, 1883, ctd.

Joseph . . . avec une introduction et les characées du plateau central par l'abbé F. Hy . . ." (Félix Charles Hy, 1853-1918).

2675. *Les diatomées d'Auvergne* . . . Clermont-Ferrand (Pensionnat des frères des écoles chrétiennes, . . .), Paris (Paul Klincksieck), . . .) 1893. Oct. (*Diatom. Auvergne*).
Publ.: 1893 (Hedwigia 15 Apr 1894; Bot. Zeit. 1 Mai 1894), p. [iii]-viii. [1]-255, *pl. 1-6* (uncol. liths. by J. Brun and Maurice Peragallo, with text). *Copies*: G, NY, US, USDA; IDC 6373. – "Prix Montagne" 1894 (awarded by Acad. Sci., Paris).

2676. *Les muscinées d'Auvergne* . . . Paris (Paul Klincksieck, . . .) Clermont-Ferrand (L. Bellet, Pensionnat des frères des écoles chrétiennes) 1899. Oct. (*Musc. Auvergne*).
Publ.: Jan-Jun 1899 (Rev. bryol. Jul 1899; Nat. Nov. Nov(1) 1899), p. [i-iii], [1]-544. *Copies*: G, L (Clermont-Ferrand imprint only), NY. – Mém. Acad. Sci. Belles-Lettres Arts Clermont-Ferrand ser. 2. vol. 14.

2677. *Les diatomées fossiles d'Auvergne* . . . Clermont-Ferrand (Pensionnat des frères des écoles Chrétiennes), Paris (Librairie des sciences naturelles Paul Klincksieck) 1902. Oct. (*Diatom. foss. Auvergne*).

First memoir: 1902 (p. 7: 25 Feb 1902), p. [1]-79, *pl. 7-8* (uncol. liths. by Maurice Peragallo). – Mém. Acad. Sci. Belles-Lettres Arts Clermont-Ferrand.
Second memoir: 1903 (p. x: 12 Mai 1903), p. [i]-x, [1]-166, *pl. 9-12* (id.).
Third memoir: 1908 (p. x: 15 Dec 1908) p. [i]-x, [1]-75, *pl. 13-14* (id.).

Copies: NY, US. *Plates*: the numbering continues that of the *Diatomées d'Auvergne* (1893).

2678. *Disposition méthodique des diatomées d'Auvergne* . . . Clermont-Ferrand (Pensionnat des frères des écoles chrétiennes . . .), Paris (Paul Klincksieck . . .) 1903. Oct. (*Disp. diatom. Auvergne*).
Publ.: 1903 (p. vi: 25 Mar 1903), p. [i]-vi, [1]-47, [48, index]. *Copies*: G, L, NY.

Hérincq, François (1820-1891), French botanist and gardener at the Muséum d'histoire naturelle. (*Hérincq*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 154; Backer p. 262; Barnhart 2: 162; BM 2: 829; Bossert p. 172; Hortus 3: 1195 ("Hérincq"); Jackson p. 23, 44, 48, 118, 198; Kew 2: 656; Langman p. 360; MW p. 175-176, suppl. p. 96; NI 568; Rehder 5: 386; TL-2/601, 640, 1160; Tucker 1: 336; Zander ed. 10, p. 669.

COMPOSITE WORKS: (1) text of part 6 of A. Lavallée, *Arboretum Segrezianum*, 1885.
(2) see Jacques, A., *Manuel général des plantes*, 3-4 vols. [1845]-1857.
(3) see P. O. Réveil et al., *Le règne végétal*, [1864] 1870-1871.
(4) edited *L'Horticulteur français*, 1851-1872.

EPONYMY: *Herincquia* Decaisne ex A. Jacques & F. Hérincq (1850).

2679. *Observations critiques sur l'origine des plantes domestiques*. Paris (Imprimerie horticole de E. Donnaud) 1869. Oct. (*Observ. orig. pl.*).
Publ.: 1869 (BSbF rd. Aug-Nov 1869), p. [i, iii], [1]-36. *Copy*: G. – Reprinted from *Horticulteur français* nos. 5, 6, 7 (1869).
Ref.: Anon., Bull. Soc. bot. France 16 (bibl.): 181-182. 1869.

Hering, Constantijn J. (1800-1880), Dutch agronomist and meteorologist, active in Suriname. (*Hering*).

HERBARIUM and TYPES: L, U.

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 258, 301; CSP 15: 785; IH 2: 271 (dates err.); JW 3: 354; Lasègue p. 349; Tucker 1: 336.
Koster, J. T., Blumea 2(3): 233. 1936.

2680. *Overzicht van de cultuurgewassen* en Boschproducten in verband met Nijverheid en Handel *in* de Kolonie *Suriname* Nederlandsch Guiana, Z.A. . . . Paramaribo (H. B. Heyde) 1902-1903, 6 parts. (*Overz. cultuurgew. Suriname*).

1: 1902 (p. 90: 10 Apr 1902, p. x: 31 Oct 1901), p. [i]-xvii, [1], [1]-90.
2: 1902, p. [91]-182, [183-184, err.].
3: 1903 (p. 230: 20 Feb 1903, Nat. Nov. Aug(2) 1903), portr. H. C. Focke, [185]-230.
4: 1903, [231]-257.
5: 1903, [259]-272.
6: 1903, [273]-296, [i]-xii.
Copy: MO.

2681. *Nuttige Palmen der kolonie Suriname* . . . Paramaribo (H. B. Heyde) 1903. (*Palmen Suriname*).
Publ.: 1903, p. [i-iii], [1]-42, [i]-iv. *Copy*: MO.

Hermann, Friedrich (1873-1967), German botanist, lawyer and notary. (*F. Herm.*).

HERBARIUM and TYPES: GAT; some material at L, LE.

BIBLIOGRAPHY and BIOGRAPHY: BM 1402, 3324; BJI 2: 74; BL 2: 475, 667; Hortus 3: 1195 ("F. Herm."); IH 2: 271; Kew 2: 658; KR p. 290; Langman p. 360; LS 12110.
Scholz, Verh. bot. Ver. Brandenburg 108: 80-88. 1973 (portr., bibl.).

2682. *Flora von Deutschland und Fennoskandinavien* sowie von Island und Spitzbergen . . . Leipzig (Theodor Oswald Weigel) 1912. Oct. (*Fl. Deutschl. Fennoskand.*).
Publ.: Jun 1912 (p. [3]: Nov 1911; Nat. Nov. Jun(2) 1912), p. [1]-524. *Copies*: BR, HH, MO, NY, U, US.
Ed. 2: Oct 1956, p. [i]-xi, [xii, err.], [1]-1154. *Copies*: G, MO, NY, US. – *Flora von Nord- und Mitteleuropa* . . . Stuttgart (Gustav Fischer Verlag) Oct. (See Taxon 7: 86. 1958). (*Fl. N.-Mitt.-Eur.*)

Hermann, Johannes Gotthelf (1741-x), German pharmacist. (*J. Herm.*).

HERBARIUM and TYPES: Unknown.

2683. *De olerum vernalium praestantia.* Leipzig 1763. (n.v.). (*Oler. vern.*).
Publ.: 18 Feb 1763 (preface?; fide Rothmaler).
Ref.: Rothmaler, W., Repert. Sp. nov. 53(1): 35. 1944.

Hermann, Paul (1646-1695), Dutch botanist and explorer of German birth, travelled in Africa, India and Ceylon, professor of botany at Leiden 1680-1695. (*P. Herm.*).

HERBARIUM: The main Hermann herbarium was acquired by Sir Joseph Banks and is now at BM. It is the basis of Hermann's *Museum zeylanicum* and of Linné's *Flora zeylanica* and contains many Linnaean types with annotations in Linnaeus's own handwriting. Another Hermann herbarium of Ceylon plants is at L. (IDC microfiche 8302/1). The Hermann herbarium on which the *Thesaurus zeylanicus* of Johannes Burman (TL-2/928) is based is at the Institut de France. In the absence of Linnaean Flora zeylanica types from the London herbarium, the Burman herbarium should be consulted. The original collection of plants made by Hermann at the Cape of Good Hope in 1672 is incorporated in Hortus Siccus 75 of the Sloane herbarium (BM). For an extensive study of Hermann's activities at the Cape and of his collections see M. C. Karsten (1967). Another important Hermann herbarium (mainly Ceylonese) is at Gotha (see Rauschert 1970 who also provides an extensive bibliography on the Hermann herbaria); several Hermann specimens are in the Thunberg herbarium (UPS).

Ref.: Trimen, H., J. Linn. Soc. Bot. 24: 129-155. 1887 (Ceylon herb.).
Boulger, G. S., History of Ceylon botany, in Trimen, Handbook to the flora of Ceylon 5, app. 4: 367. 1900.
Murray, Hist. Coll. BMNH 154-155. 1904.
Ardagh, J. Bot. 69: 137-138. 1921.
Ooststroom, S. J. van, Blumea, Suppl. 1: 193-209. 1937.
Dandy, J. E., The Sloane herbarium 137-138. 1958.
Lourteig, A., Taxon 15: 23-33. 1966 (Thesaurus zeylanicus herb.).

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 641; Barnhart 2: 163; Backer p. 262; BM 2: 831; Clokie p. 182-183; Dryander 5: 279; HA 1: 637; HE p. 28; Henrey 2: 13, 79, 265; HU 378; Jackson p. 325, 440, 452; JW 1: 444, 2: 192, 3: 354, 4: 388, 5: 241 (q.v. for many Dutch references); Kew 2: 658; Langman p. 360; Lasègue p. 570 [index]; Moebius p. 42, 44, 406; MW p. 176; NI 859-860; NNBW 3: 1011; Oudemans ser. 2. 2: 232; Plesch p. 258; PR 3491-3495 (ed. 1: 4392-4398); Rehder 5: 386; SA 2: 566; SO 3722; Sotheby 339; TL-2/928, ind.; Tucker 1: 336; Urban-Berl. p. 356.

Bidloo, G., Oratio in funere viri clarissimi Pauli Hermanni dicta. Ed. altera. Lugduni Batavorum (Leiden) 1695.
Botter, R., Leben und Verdienste des Botanikers Paul Hermann (1646-1695), Diss. Halle 1949 (fide Rauschert).
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Burkill, I. H., Chapt. hist. bot. India 6, 7, 9, 10, 11. 1965.
Edwards, J. S. Afr. Bot. 30: 103-105. 1964.
Eriksson, G., Bot. hist. Sverige 359 [index]. 1969.
Fries, Th. M., Bref Skrifv. Linné 1(4): 13. 1910, 1(5): 318. 1911, 1(6): 217. 1912.
Herre, H., Gen. Mesembryanthemaceae 38-39. 1971 (portr.).
Hulth, J. M., Bref Skrifv. Linné 1(8): 18. 1922, 2(1): 236, 238, 274, 337. 1916; 2(2): 25, 49, 83. 1943.
Jackson, B. D., J. Bot. 12: 136-137. 1874.
Jourdan, Dict. Sci. méd. 5: 170-171. 1822 (bibl.).
Karsten, M. C., Old Comp. Gard. Cape 179 [index]. 1951; J. S. Afr. Bot. 33: 117-132, 161-175. 1967; Suid-Afr. biogr. woordeb. 1: 366-367. 1968 (bibl.).
King, G., J. Bot. 27: 454-463. 1899.
Linnaeus, C., Fl. Zeyl. 11-16. 1747, Amoen. Acad. 5: 356-357. 1760.
MacOwan, Trans. S. Afr. philos. Soc. 4: xxxii-xxxiii. 1887.
Molhuyzen, P. C., Bronnen Gesch. Leidsche Univ. 3: 268, 348, 352, 263*-264*, 267*-268*. 1918.
Peiris, J. Ceylon Branch R. Asiat. Soc. ser. 2. 2(1): 1-20. 1952 (father of Ceylon botany).
Rauschert, Hercynia N.F. 7(4): 301-328. 1970 (biogr., bibl., extensive analysis of herbaria).
Rendle, A. B., Enc. brit. ed. 11. 2: 9. 1911 (term "Angiosperm").
Smit, Wiss. Beitr. Martin-Luther Univ. Halle-Wittenberg 1969(2): 69-88.
Sirks, M. J., Ind. natuurond. 295 [index]. 1925.
Stafleu, F. A., *in* Jacquin, Sel. stirp. amer. 1971 (facs. ed.), p. F26; Linnaeus and the Linnaeans 374 [index]. 1971.
Veendorp, H. & L. G. M. Baas-Becking, Hortus acad. lugd.-bat. 1587-1937: 214 [Index]. 1938.

HANDWRITING: Dandy, J. E., The Sloane Herbarium *pl. 50.* 1958, see also Clokie p. 279, Rauschert (1970) p. 303, and Peiris (1952, *pl. 1*).

EPONYMY: *Hermannia* Linnaeus (1753); *Mahernia* Linnaeus (1767, anagram).

2684. *Horti academici lugduno-batavi catalogus* exhibens plantarum omnium nomina, quibus ab anno mdclxxxi ad annum mdclxxxvi hortus fuit instructus ut & plurimarum in eodem cultarum & à nemine hucusque editarum descriptiones & icones. Lugduno Batavorum [Leiden] (apud Cornelium Boutesteyn) 1787. Oct. (*Hort. lugd.-bat. cat.*).
Publ.: 1687, front., p. [i-xviii], 1-699, [700, err.], numerous woodcuts. *Copies*: BR, G, MICH, MO, NY, W (2, of which one with notes by P. Collinson), USDA. – Cancelled lvs are known of P1, V3, X4, Y8. The engraving at Qq3 may have a corrected version pasted over

the original (which duplicates the engraving on Qq2.). Gathering XX has ¾ text, but see HU 378 for an added cancel quarter sheet.

2685. *Schola botanica* sive catalogus plantarum, quas ab aliquot annis in horto regio parisiensi studiosis indigitavit vir clarissimus Joseph Pitton Tournefort, D.M. ut et Pauli Hermanni p.p. *Paradisi batavi prodromus*, in quo plantae rariores omnes, in batavorum hortus hactenus cultae, & plurimam partem à nemine antea descriptae recensentur. Edente in lucem S.W.A. Amstelaedami (apud Henricum Wetstenium) 1689. Duod. (*Schola bot.*).
Publ.: 1689, p. [i-viii], [1]-386, [4, addenda], [22, index, errata on 22]. *Copies*: NY, U. – For a discussion of the authorship of the *Schola botanica* (Wharton versus Sherard) see HU 382 and Jackson (1874).
Ref.: Jackson, B. D., J. Bot. 12: 136-137. 1874.

2686. *Florae lugduno-batavae flores* sive enumeratio stirpium horti lugduno-batavi methodo, naturae vestigiis insistente, dispositarum, & anno 1689, in lectionibus tam publicis quam privatis expositarum a Paulo Hermanno . . . nunc vero in gratiam botanophilorum primum in lucem editarum opera Lotharii Zumbach . . . Lugd. Batavor. [Leiden] (apud Fredericum Haaring) 1690. Oct. (*Fl. lugd.-bat. fl.*).
Publ.: 1690, front., p. [i-xii], [1]-267, index [1-4]. *Copies*: BR, G, MICH, NY, USDA. – The [4] index pages seen only in the BR copy.

2687. *Paradisus batavus*, continens plus centum plantas affabrè aere incisas & descriptionibus illustratas. Cui accessit catalogus plantarum, quas pro tomis nondum editis, delineandas curaverat Paulus Hermannus, M.D. . . . opus posthumum. Lugduni-Batavorum [Leiden], impensis viduae (apud Abrahamum Elzevier) 1698. Qu. (*Parad. bat.*).

Orig.: 1698, p. [i-xx], 1-247, cat. pl. [1]-15, *110* [sometimes *111*] unnumbered plates. *Copies*: MO, NY, U, USDA. – *Plates*: several of the originals in Sloane mss 4003 at BM.
Reissue: 1705, [i*-ix*, frontisp., engr. t.p., dedic.], p. [i-xvi], 1-247 ("90" = 206; "187" = 207), [1]-15, *pl. 1-111*, uncol. copper engr. *Copies*: BR, G, U(2), USDA. – Main t.p.: ". . . *Paradisus batavus*, in numeris exoticis curiosis herbis, & rarioribus plantis, magno sumptu & curâ ex variis terrarum orbis regionibus, tam Oriente, quam Occidente, collectis, acquisitis, illustratus. Ingeniosissima, & dexterrima artificum manu elaboratis iconibus, ad vivum aeri incisis. Eruditissimâ suâ, & magnorum in re herbaria versatissimorum virorum, methodicâ descriptione, & catalogo plantarum, nondum prae immatura morte auctoris delineatarum, locupletatus." Lugduno Batavorum (apud Petrum van der Aa) 1705. Qu.

2688. *Musaeum zeylanicum*, sive catalogus plantarum, in Zeylana sponte nascentium, observatarum & descriptarum. Lugduni batavorum [Leiden] (apud Isaacum Severinum) 1717. Oct. (*Mus. zeylan.*).

Ed. 1717: p. [i-iv], 1-71. *Copy*: U.
Re-issue: 1726, "editio secunda", Lugduni batavorum (apud Danielem vander Vecht) 1726. Oct., p. [i-iv], 1-71. *Copies*: B, G, USDA.
Facsimile ed. of 1717 ed.: 1977, Leiden (Boerhaave Press), ISBN 90-70153-04-1. *Copy*: FAS (see Taxon 27: 107-108. 1978).
Ref.: BM 2: 831; HE p. 28; IDC 114; PR 3995 (ed. 1: 4397); SA 2: 566. (1726 re-issue). Peiris, J. Ceylon Branch Roy. Asiat. Soc. ser. 2. 2: 1-20. 1952.

Herold, Johann Moritz David (1790-1862), German entomologist at Marburg. (*Herold*).

NOTE: Herold is a pseudonym for Schoepfer or Schroepfer ("miser quidam librorum consarcinator, . . ." PR), a German plagiarist who also published under the name Edvard Brandes (q.v.). Schoepfer may well have (mis-)used J. M. D. Herold's name for the pseudonymous authorship of his *Taschenbuch* which is attributed to "Professor Dr. Herold." See Barnhart 2: 162 and PR 4004 (ed. 1: 4409).

BIBLIOGRAPHY and BIOGRAPHY: ADB 13: 501-502 (J. M. D. Herold); Barnhart 2: 162; PR 4004 (ed. 1: 4409); Rehder 1: 381.

2689. *Taschenbuch der teutschen Flora.* Ein Hülfsbuch auf botanischen Excursionen zur möglichst schnellen und sichern Bestimmung der aufgefundenen Pflanzen. Vom Prof. Dr. Herold. Nordhausen (bei Friedrich Fürst) 1845. Duod. (in sixes). (*Taschenb. teut. Fl.*).
Publ.: Jul-Auf 1845 (Bot. Zeit. 22 Aug 1845 p. [1]-460. *Copies*: G, NY. – A pirated version of W. D. J. Koch's *Synopsis*, *not* to be attributed to J. M. D. Herold (see Bot. Zeit. 5: 15. 1847). Withdrawn from the trade, fide Flora 28: 348-351. 1845.

Herpell, Gustav Jacob (1828-1912), German cryptogamist from the Rhine valley near St. Goar. (*Herp.*).

HERBARIUM and TYPES: B (exsiccatae and dupl. extant); other material at BP, IBF, KIEL. H's mosses came to B in 1905 (not extant); his private herbarium is also no longer extant. Exsiccatae: *Sammlung präparierter Hutpilze*, St. Goar. Lief. 1-6, 1880-1892, 135 nos., sets at B, BM, FH, HBG, KIEL, MANCH, OXF, S.

1	1-35	Mai 1880 (Hedwigia Jun 1840, Flora 1 Jul 1840),
2	36-55	Jun 1881 (Bot. Zeit. 29 Jul 1881),
3	56-75	Aug 1882 (Hedwigia Sep 1882; Bot. Zeit. 25 Aug 1882),
4	76-95	Jun 1884 (Bot. Zeit. 29 Aug 1884),
5	96-115	Sep 1888 (Hedwigia Jul-Aug 1888),
6	116-135	Mai 1892 (Hedwigia Jan-Feb 1893).

Ref.: Herpell, G. J., Verh. naturh. Ver. Bonn 37: 99-156. 1880 (on techniques), 45: 112-124. 1888 (see LS for further refs.).
Kohlmeyer, Willdenowia 2(5): 785. 1961.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 164; BM 2: 832; Clokie p. 183; CSP 7: 962, 10: 206, 12: 329, 15: 793; IH 2: 271; Jackson p. 502; Kew 2: 659; LS 12115-12123, suppl. 11339; NAF 9(6): 438; Stevenson p. 1244; Urban-Berl. p. 276, 302.
Anon., Bot. Not. 1912: iii.
Magnus, P., Ber. deut. bot. Ges. 31: (98)-(102). 1914 (see also note 30: (162). 1913).

2690. *Das Präpariren und Einlegen der Hutpilze für das Herbarium* . . . Bonn (Selbstverlag von G. Herpell in St. Goar am Rhein) 1880. Oct. (*Präp. Hutpilze*).

Ed. 1: Aug-Sep 1880 (Nat. Nov. Sep(2) 1880), p. [1]-60, *pl. 3* (col.), *4* (uncol.). *Copy*: FH. – Reprinted from Verh. naturh. Ver. preuss. Rheinl. Westfalens 37: 99[=3]-156[=60].
Ed. 2: Jul-Aug 1888 (p. iv: Apr 1888; Nat. Nov. Aug(1) 1888), p. [i]-iv, [1]-60, Nachtrag [1]-12, *pl. 3-4* (idem). *Copy*: FH. – "Zweite Ausgabe mit einem Nachtrage." In Commission bei R. Friedländer & Sohn in Berlin. 1888.

Ref.: Herpell, G. J., Abh. bot. Ver. Prov. Brandenburg 27: 106-112. 1886 (Weitere Mitteilungen ü. d. Präpariren . . .); see also Z. Pilzfreunde 2: 211, 228. 1885, and Verh. naturh. Ver. preuss. Rheinl. Westfalens 45: 112. 1888.

Herre, Albert William Christian Theodore (1868-1962), American ichthyologist and botanist; Ph. D. Stanford Univ. 1909; in various functions in Nevada, California, Washington and Manila 1910-1928; from 1928-1946 curator of the ichthyological collections, Natural history Museum, Stanford University. (*Herre*).

HERBARIUM and TYPES: LASCA (Rev. bryol. 30: 285. 1961); remaining collection, including botanical library and correspondence, at DS (acquired 1962); ichthyological correspondence at CAS. (Information J. H. Thomas). For duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 164; Bossert p. 173; GR p. 190, pl. [43], cat. p. 65; Hawksworth p. 183; IH 2: 271; LS 12124-12125, 34518-35521, suppl. 11342-11346; Roon p. 51; SBC p. 122 ("Herre"); SK 1: 227, 5: cclxxv, 8: xliii; Stevenson p. 1244.
Anon., The San Francisco Chronicle, 18 Jan 1962, p. 36; San Francisco Examiner, 18 Jan 1962, p. 49.
Ewan, J., *in* Century progr. nat. sci. 51. 1955; Short hist. bot. U.S. 95. 1969.

Herre, A. W. C. T., Research proposal submitted to the National Science Foundation, December 20, 1958, p. 4-7 (biogr. sketch and bibl.); Albert W. Herre (1868-1962): a brief autobiography, with a foreword by George S. Myers and a portrait . . ., circular no. 10., Div. Syst. biol. Stanford Univ., March 1964, 20 p.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 12, 220. 1963.
Reifschneider, O., Biogr. Nevada bot. 1844-1963: 84-85. 1964 (portr.).
Wiggens, I., Madroño 16(3): 102-103. 1961 (congratulatory address, portr.); Bryologist 65: 268-277. 1962 (portr., bibl.) (see also Rev. bryol. lich. 32(1-4): 297. 1963).

EPONYMY: *Herrea* Schwantes (1927) and *Herreanthus* Schwantes (1928) are dedicated to Adolar Gottlieb Julius (Hans) Herre (1895-x), German horticulturist and botanist, working in South Africa, specialist in the succulent Aizoaceae. *Herreriopsis* H. Perrier de la Bâthie (1934) is related to *Herreria* Ruiz & Pavon (1794), which commemorates Ildephonso de Herrera (probably: Gabriel Alonso de Herrera (1470-?), Spanish agricultural writer.

2691. *The foliaceous and fruticose lichens of the Santa Cruz peninsula*, California. Washington, D.C. (published by the Academy) 1906.
Publ.: 29 Mar 1906, reprinted, with special cover, from Proc. Wash. Acad. Sci. 7: 325-396. 1906. *Copies*: Stevenson, US. – To be cited from journal.

2692. *The lichen flora of the Santa Cruz Peninsula, California.* Baltimore, Md. (Washington Academy of Sciences; office of publication Williams & Wilkins Company). 1910.
Publ.: 15 Mai 1910, reprinted, with special cover, from Proc. Wash. Acad. Sci. 12(2): 27-269. 1910. *Copy*: US. – *Suppl.* in J. Wash. Acad. Sci. 2: 380-386. 19 Sep 1912. To be cited from journal.

Herrera y Garmendia, Fortunato Luciano (1875-1945), Peruvian botanist, professor at the University of Cuzco from 1910. (*Herr.*).

HERBARIUM and TYPES: Material at AMES, B, C, F, GH, L, MO, NY, SI, US.
Ref.: Sayre, G., Mem. New York bot. Gard. 19(3): 337. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 165; BL 1: 256, 257, 258, 301; Hirsch p. 121; Hortus 3: 1195 ("Herrera"); IH 2: 272; Kew 2: 659-660; Zander ed. 10, p. 669.
C.M.M., Bol. Museo Hist. nat. 9: 164-167. 1945.

FESTSCHRIFT: Chaparro, D. & C. Vargas, Homenaje al Dr. Fortunato L. Herrera, Rev. Universitaria 33(87): [i-ii], portr., [1]-211. 1944 (publ. 1945). *Copy*: US (portr., bibl.).

EPONYMY: *Fortunatia* J. F. MacBride (1931). *Note*: The etymology of *Herreramyxa* B. Skvortzov (1972) could not be established.

2693. *Chloris cuzcoensis* por Fortunato L. Herrera. Cuzco (Editorial H. G. Rozas) Julio 1926. Oct. (*Chlor. cuzco.*).
Publ.: 21 Jul 1926 (t.p.; date of sending a copy to Macbride, now at G; Maxon's copy at US is enscribed 10 Aug 1926), p. [i-iv], [1]-222. *Copies*: G, Stevenson, U, US, USDA. – p. [ii]: Anales de la Universidad del Cuzco vol. 1, ano 1. – Herrera also published various papers in the Rev. Ci., Lima with the title: *Chloris cuzcoensis* (26(305-306): 49-50, (307-308): 57-59. 1923; 27(317, 317-320): 111-113. 1924).
Previous publication: Segunda edición: Universidad del Cuzco. *Contribución a la flora del departamento del Cuzco* . . . primera parte. segundo edicion 28 de Julio de 1921. Cuzco (Imprenta de El Trabajo . . .) 1921. Oct. (size). 21 Jul 1921, p. [1]-241. *Copies*: G, US, USDA. The "first edition" was published in Rev. Universitaria 9(3): 3-22. 1920.
Sinopsis de la flora del Cuzco: tomo 1, p. [1]-528, [1, index], 4 Jul 1941. *Copies*: US, USDA. (*Sin. fl. Cuzco*).

2694. *Plantarum cuzcorum herrerarianum.* Estudios sobre la flora del Departamento del Cuzco. Lima (Sanmarti y Cia.) [1930] Oct. (size). (*Pl. herrer.*).

Vol. 1: 1930 (p. 6: 28 Feb 1930; Bryologist 1 Oct 1933), p. [1]-257, *18 pl. Copies*: G, USDA.

Vol. 2: 16 Nov 1933, p. [1]-251, [1, ind.], *11 pl. Copy*: USDA.
Suppl. 1-3: Rev. Univ. Cuzco ser. 2. 14(1): 149-160. 1930, 23(1): 254-262. 1931, 23(2): 111-147. 1934.

2695. *Catalogo alfabetico de los nombres* vulgares y cientificos *de plantas* que existen *en el Peru.* Publicado por la Universidad Mayor de San Marcos Lima 1939. (*Cat. pl. Peru*).
Publ.: Oct-Dec 1939 (p. vii: 30 Sep 1939), p. [i]-vii, [1]-363. *Copies*: US, USDA.

Herrmann, Johan (**Jean**) (1738-1800), German-Alsatian botanist at Strassburg. (*Herrm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 652; Barnhart 2: 165; BM 2: 834; CSP 15: 797; Frank 3(Anh.): 43; Hortus 3: 1195 ("Herrm."); Kew 2: 660; PR 4008-4009 (ed. 1: 4414); Rehder 1: 376; Tucker 1: 337; Zander ed. 10, p. 669.
Fries, Th. M., Bref Skrifv. Linné 1(3): 252, 261. 1909.
Kirschleger, F., Fl. Alsace 2: xliv-xlviii (Hermann sic).
Wittrock, V. B., Acta Horti Berg. 3(3): 103. 1905.

2696. Q.D.B.V. *Cardamomi historium et vindicias*, praeside . . . Dn. Jacobo Reinboldo Spielmann, . . . die Jovis xiii. maji mdcclxii. Solemni eruditorum examini submittit auctor Johannes Herrmann, argentoratensis. h.l.q.c., Argentorati [Strassburg] (Excudebat Joh. Henr. Heitz, . . .) s.d. [1762]. Qu. (*Cardamom. hist.*).
Publ.: 13 Mai 1762, p. [i-ii], [1]-40. *Copy*: NY.

2697. Q.D.B.V. Dissertatio inauguralis botanico-medica *de Rosa*, quam auspice deo, consentiente gratiose facultate medica pro licentia gradum, honores atque privilegia doctoralia rite consequendi die veneris xxii octobris mdcclxii. Solemni eruditorum examini subjicit Johannes Herrman argentoratensis. h.l.q.c. Argentorati [Strasbourg] (ex officina Joh. Henrici Heitzii) s.d. [1762]. Qu. (*De Rosa*).
Publ.: 22 Oct 1762, p. [i-ii], [1]-36. *Copies*: G, NY.

Herter, Wilhelm Gustav Franz (Guillermo Herter) (1884-1958), German botanist; Dr. phil. Berlin 1908, resided in Uruguay 1907, 1909-1910 and 1923-1939; in Germany 1939-1941; at Cracow in Poland 1941-1944; later Uruguayan consul at Bern and Basel; ultimately in Hamburg. (*Herter*).

HERBARIUM and TYPES: G; in herb. Stiftung Paul Aellen (20.000 specimens) (G-PAE). Herter's *Plantae uruguayenses exsiccatae* (cent. 1-27, nos. 1-2700) are in many herbaria.
Ref.: Stevenson, J., Beih. Nova Hedwigia 36: 185-192. 1971.
Sayre, G., Mem. New York Bot. Gard. 19(3): 337. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 166; BJI 2: 74; BL 1: 259, 260, 301; Bossert p. 173; GR p. 88-89, *pl.* [*18*]; Hortus 3: 1195; IF suppl. 3: 210, 4: 323; IH 2: 272; Jackson p. 259; Kew 2: 661; LS 12130, suppl. 11418-11432; MW p. 176, suppl. p. 97; TL-2/see Aellen, P.; Urban-Berl. p. 276, 320, 356; Zander ed. 10, p. 669.
Aellen, P., Jahresber. Stiftung "Herbarium Paul Aellen" 1961/2: 11-12. 1962.
Anon., Flora, Quito 1(2): 140-146. 1937.
Burdet, H., Candollea 33: 107-134. 1978 (main biogr., bibl., portr., eponymy).
Fuchs, H. P., Amer. Fern J. 48: 168-169. 1958.
Hicken, C. M., Darwiniana 1(3-4): 155-158. 1924 (bibl.).
Legrand, D., Bol. Soc. Argent. Bot. 7(3-4): 273-276. 1959 (portr., bibl.).
Sleumer, H., Fl. males. Bull. 19: 1142-1143. 1964 (dates *Fl. illust. Urug.*).
Szafer, W., Concise hist. bot. Cracow 112, 113, 114, 126, 128. 1969. ("Botany in Cracow during the Hitlerite occupation").

Hervey, Alpheus Baker (1839-1931), American clergyman and algologist, educated at St. Lawrence University, pastor of Universalist Church 1861, president of St. Lawrence University 1888. (*A. Herv.*).

HERBARIUM and TYPES: NY; other material at F and L. *Exsiccatae*: published fasc. 39 of the *Phycotheca boreali-americana*.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 160; BM 2: 835; Bossert p. 173; De Toni 1: lxiii; Jackson p. 359; Lenley p. 222; NI 862-863; SBC p. 122 ("Herv."); TL-2/1178, ind.
Anon., New York Times 11 Mar 1931; J. New York Bot. Gard. 32: 100. 1931; Natl. Cycl. Amer. Biogr. 10: 200.
Ewan, J. et al., Short hist. bot. U.S. 75. 1969.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 21, 67. 1963.
Rickett, H. W., Index Bull. Torrey bot. Club 46. 1955.

COMPOSITE WORKS: (1) F. S. Collins and A. B. Hervey, *The algae of Bermuda*, Cambridge, Mass. 1917, see TL 2/1178. (additional copy seen: NY).
(2) Rau, E. A. and A. B. Hervey, *Catalogue of North American musci*, 1880, see Rau, E. A. (Rev. bryol. 8(3): 55. 1881).

2698. *Sea-mosses* a collector's guide and an introduction to the study of marine algae. Boston (S. E. Cassino, publisher) 1881. Oct. (*Sea-mosses*).
Publ.: Mai-Aug 1881 (p. [xii]: 1 Mai 1881; Nat. Nov. Sep 1881), p. [i]-[xxi], [1]-281, *pl. 1-20* (col.). *Copies*: MICH, NY, US. – The NY copy has a different imprint: "Boston: S. E. Cassino. Salem, Mass.: George A. Bates. 1881."
Re-issue (1): 1882, p.[iii]-[xx], [1]-281, *pl. 1-20*. *Copy*: USDA. – "Boston (S. E. Cassino, publisher.)." 1882. Oct.
Re-issue (2): 1893, p. [i]-[xxi], [1]-281, *pl. 1-20*. (col.). *Copy*: PCS. – "Illustrated with seventy full-page engravings in color, from photographs of actual specimens." Boston (Bradlee Whidden) 1893. Oct. (inf. D. E. Johnson).
Ref.: N.L., Bot. Zeit. 39: 709. 28 Oct 1881.

Hervey, Eliphalet Williams (1834-1925), American botanist. (*E. Herv.*).

HERBARIUM and TYPES: Material at A, GH and NEBC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 166; BL 1: 187, 301; Bret. 1: 187; CSP 15: 803; IH 2: 273; ME 3: 486; Pennell p. 609; Rehder 1: 185; Tucker 1: 337.

2699. *A catalogue of the plants found in New Bedford* and its vicinity; arranged according to the season of their flowering . . . New Bedford (Press of E. Anthony, . . .) 1860. Qu. (*Cat. pl. New Bedford*).
Publ.: 1860 (p.[3]: 1 Mar 1860), p. [1]-30. *Copies*: MO (2), NY.

2700. *Flora of New Bedford*, and the shores of Buzzard's Bay, with a procession of the flowers . . . New Bedford (E. Anthony & Sons, . . .) 1891. Oct. (*Fl. New Bedf.*).

Orig. ed.: 1891 (p. 7: 1 Mai 1891; TBC 21 Sep 1891, p. [1]-80. *Copies*: MO, NY.
Revised ed.: 1911 (p. 4: 1 Mai 1911), p. [1]-137. *Copy*: MO. – Unannotated list of 1524 species.

Hervier, Gabriel Marie Joseph, abbé (1846-1900), French clergyman and botanist. (*Hervier*).

HERBARIUM and TYPES: Material at C, CGE, F, L.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 837; Barnhart 2: 166; BL 2: 171, 485, 667; BM 2: 835; Bossert p. 173; CSP 15: 803; Kew 2: 662; Rehder 5: 387; Tucker 1: 337.
Anon., Monde des Plantes 7: 74. 1894; Bull. Soc. bot. France 23 (sess. extr.): cxciv. 1876.
Magnin, A., Bull. Soc. bot. Lyon 32: 131. 1907, 35: 42-43, 145. 1910.

2701. *Recherches sur la flore de la Loire* . . . premier fascicule 1885 avec deux photogravures. Saint-Étienne (Chevalier, libraire, . . .), Paris (F. Savy, libraire, . . .). Oct. (*Rech. fl. Loire*).
Publ.: Jul-Aug 1885 (p. viii: 1 Jun 1885; Nat. Nov. Sep (1) 1885; Bot. Zeit. 25 Sep 1885), p. [i]-viii, [1]-60, *2 pl.* (J. Freyn, del.). *Copies*: G, HH, MO, NY, US.

2702. *Excursions botaniques de M. Elisée Reverchon* dans le massif de la Sagra et à Velez-Rubio (Espagne) de 1899 à 1903 . . . Le Mans (Imprimerie de l'institut de bibliographie) 1905. Oct. (*Excurs. bot. Reverchon*).
Collector: Élisée Reverchon (1835-1914).
Publ.: Jan 1905 (Nat. Nov. Jun(2) 1905), p. [i, iii], [1]-100. *Copy*: G. – Reprinted from Bulletin Acad. int. Géogr. bot. 15: 1-32, *1 pl.*, Jan 1905 [repr. 1-32], 57-72. Mar 1905 [repr. 33-48], 89-120, *1 pl.* Apr-Mai 1905 [repr. 49-80], 157-172. Jun 1905 [repr. 81-96], 97-100 added to repr., p. 100 impr. Jan 1905. Continued: 16: 201-221. 1906, 17: 33-64, 193-208, 230-231. 1907.

Herzer, Herman[n] (1833-1912), German-born American itinerant Methodist minister and palaeobotanist active in the Geological Survey of the State of Ohio. (*Herzer*).

COLLECTIONS and TYPES: Invertebrate coll. at Baldwin-Wallace College, Berea, Ohio. Location of fossil plant coll. unknown, possibly at Marietta College, Ohio (inf. J. M. Schopf).

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 277-278; Barnhart 2: 167; CSP 15: 807; LS 12141-12142.
Anon., Ohio State Acad. Sci., Proc. 22 meeting, 6(2): 63-64. 1912 (1913).

Herzfeld, Stephanie (1868-1930), Austrian high school teacher and botanist; Dr. phil. Wien 1923; for many years honorary collaborator at WU; pupil of Wettstein. (*Herzfeld*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 167; Kew 2: 662; Langman p. 367; LS 34537; Tucker 1: 337, 776.
Anon., Österr. bot. Z. 79: 380. 1930.
Harms, H., Ber. deut. bot. Ges. 48: 363. 1930.
Janchen, E., Österr. bot. Z. 82(1-2): 183, 188. 1933; Richard Wettstein 183, 188. 1933.

2703. *Studien über Juglandaceen und Julianiaceen.* Wien (Aus der kaiserlich-königlichen Hof- und Staatsdruckerei) 1913. Qu. (*Stud. Jugland.*).
Publ.: 1913, p. [i], [1]-18, *pl. 1-7* with text. *Copy*: G. – Reprinted from Denkschr. math. naturw. Kl. kais. Akad. Wiss. vol. 90, 1913.

Herzog, Theodor [Carl Julius] (1880-1961), German bryologist who collected widely e.g. in Sardinia (1904, 1906), Ceylon (1905-1908) and Bolivia (1907-1912); Dr. phil. München 1903; Dr. phil. h.c. Greifswald 1955; professor of botany at München (1920-1925), at Jena (1925-1948). (*Herz.*).

HERBARIUM and TYPES: JE (26.000); duplicates in many herbaria. The original Bolivian collections were (are) at B. Herzog left his herbarium, library and preparations to the University of Jena under the condition that they were to be kept as a unit and that the collection of hepatics plus literature would always be accessible to his last pupil, R. Grolle.
Ref.: Anon., Rev. bryol. lichén. 30(3/4): 285. 1961 (disposal herb.).
Sayre, G., Mem. New York Bot. Gard. 19(3): 337-338. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 167; BJI 2: 74; BM 6: 459-460; BL 1: 237, 301; Bossert p. 173; CSP 15: 810; GR p. 89; IH 2: 272; Kew 2: 662; Langman p. 367; Lenley p. 222; LS suppl. 11443; Moebius p. 123; MW p. 177, suppl. p. 97; NAF ser. 2. 9: 123; NDB 8: 741-742; Rehder 5: 388; Roon p. 51; SBC p. 122 ("Herz."); SK 1: 227, 5: cclxxv; TL-2/1712, 1983; Tucker 1: 337; Urban-Berl. p. 302, 356.
Benedix, Feddes Report 65(1/2): 1-2. 1962.
Bergdolt, E., Karl von Goebel ed. 2. 168, 170, 182, 186, 187. 1941.
Bischler & Jovet-Ast, Rev. bryol. lichén. 38(3/4): 329. 1972 (Sardinian hepatics).
Collander, R. et al., Bibl. Bot. Fenn. 1901-1950: 147. 1973.
Gaertner, Akad. Ski. Club München, Ber. 1961: 6-9 (fide Mägdefrau).
Geheeb, A., Rev. bryol. 33: 48, 64. 1906, 34: 104. 1907.

Grolle, R., Rev. bryol. lichén. 30: 155-162. 1961 (bibl. of bryolog. publ., portr.).
Herzog, Th., Vom Urwald zu den Gletschern der Kordillere. Zwei Forschungsreisen in Bolivia. Stuttgart, 1913, xi, 270 p. (itineraries); ed. 2. Stuttgart 1923; Pflanzenw. boliv. Anden 4-22. 1923 (itin., bibl.); Bergfahrten in Südamerika, Stuttgart 1925, xvi, 212 p.
Mägdefrau, K., Feddes Repert. 58. 7-9. 1955 (portr., bibl. on p. 12-19); Ber. bayer. bot. Ges. 35: 73-84. 1962 (bibl. of 243 nos.; includes a special paragraph giving H's papers and books on his travels and mountaineering).
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Meyer, F. K. & H. Manitz, *in* Reichtümer und Raritäten. Jenaer Reden und Schriften 92, 93. 1974.
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Paul, Feddes Repert. 58: 10-11. 1955 (bibl. on p. 12-19; H. in München).
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Schmidkunz, Mitt. deut. Alpenver. 13: 78. 1961; Münchner Merkur 20./22. Mai 1961 (fide Mägdefrau 1962).
Schuster, R. M., Hep. Anthoc. N. Amer. 1: 53-55. 1966 (bibl.).
Vent, Pharmazie 16: 631-632. 1961 (portr.).
Wulff, E. V., Intr. hist. pl. geogr. 222 [index]. 1943.

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(2) A. Geheeb, *Bryol. atl.* (1911), Herzog co-author and editor (TL-2/1983).
(3) L. Radlkofer, *Sapindaceae*, 1933-1934, editor.
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EPONYMY (genera): *Herzogianthus* R. M. Schuster (1960); *Herzogiella* V. F. Brotherus (1925); *Herzogobryrum* Grolle (1963); *Oreoherzogia* W. Vent (1962); (journal): *Herzogia.* Zeitschrift der bryologisch-lichenologischen Arbeitsgemeinschaft für Mitteleuropa; Lehre. Vol. i-x. 1968-x.

2704. *Einige bryologische Notizen aus Graubünden und Wallis* [Genève 1900]. Oct.
Publ.: 18 Jan 1900, p. [1]-4. *Copy*: Steere. – Mém. Herb. Boissier 2. 1900. To be cited from journal.

2705. *Die Laubmoose Badens* eine bryogeografische Skizze. s.l.n.d. [Genève, 1904-1906]. Oct. (*Laubm. Badens*).
Publ.: 31 Jan 1904-31 Jul 1906 (see below); a series of articles in the *Bulletin de l'Herbier Boissier*, reprinted with independent continuous pagination, p. [1]-402. *Copies*: B, G, M, Steere. – Publication in the journal was as follows:

Ser.	vol.	pages	reprint	date
2	4(2)	137-152	1-16	31 Jan 1904
	(3)	241-255	17-32	29 Feb 1904
	(7)	657-672	33-48	30 Jun 1904
	(8)	808-823	49-64	31 Jul 1904
	(9)	918-935	65-82	31 Aug 1904*
	(10)	1035-1050	83-98	30 Sept 1904*
	(11)	1137-1154	99-116	31 Oct 1904*
	(12)	1241-1256	117-132	5 Dec 1904*
	5(2)	149-164	133-148	31 Jan 1905
	(3)	268-283	149-164	28 Feb 1905
	(4)	375-390	165-180	31 Mar 1905
	(5)	465-480	181-196	30 Apr 1905
	(6)	573-588	197-212	31 Mai 1905
	(8)	768-783	213-228	31 Jul 1905

Laubm. Badens, 1904-1906, ctd.

Ser.	vol.	pages	reprint	date
	(9)	851-884	229-262	31 Aug 1905
	(11)	1028-1046	263-278	31 Oct 1905
	(12)	1171-1186	279-294	30 Nov 1905
	6(2)	121-137	295-312	31 Jan 1906
	(3)	235-244	313-322	28 Feb 1906
	(4)	326-341	323-338	31 Mar 1906
	(5)	409-424	339-354	30 Apr 1906
	(7)	551-570	355-374	30 Jun 1906
	(8)	621-648	375-402	31 Jul 1906

*The dates on the covers are given as "bon à tirer"; these dates, however, must have been very close to the actual date of publications in view of the dates of receipt of the journal at US.

2706. *Ein Beitrag zur Kenntniss der Laub- und Lebermoosflora von Sardinien* . . . Zürich-Oberstrass (Druck von J. f. Kobold-Lüdi) 1905. Oct.
Publ. : 1905, p. [1]-26, 1 pl. *Copy*: Steere. – Reprinted from Ber. Zürch. bot. Ges. 9: 41-67. 1905. To be cited from journal.

2707. *Studien über den Formenkreis des Trichostomum mutabile Br.* . . . Halle (Druck von Ehrhardt Karras, Halle a.S.) 1907. Qu.
Publ.: 1907 (submitted 17 Jan 1907), p. [1]-31, *pl. 1-7*. *Copy*: B. – Nova Acta Leop. 73(3): 451-481, *pl. 6-12*. 1907. To be cited from journal.

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Hesler, Lexemuel Ray (1888-1977), American mycologist, born in Indiana, graduate of Wabash College, phytopathologist at Cornell University 1912-1919, at University of Tennessee, Knoxville, Tenn. 1919-x. (*Hesler*).

HERBARIUM and TYPES: TENN; further material at IAC, MICH and NY.

NOTE: The authors met Dr. Hesler, full of activity, Nov 1976 during a visit to Knoxville, Tenn. He kindly made available to us a copy of his unpublished "North American mycologists" (1975), a manuscript quoted many times in TL-2. *Copies*: MICH, TENN, FAS.

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Hesse, Julius Oswald (1835-1917), German industrial chemist and lichenologist; with the Jobst firm in Stuttgart, later at Feuerbach as director of the Vereinigte Chininfabriken Zimmer & Co.; honorary citizen of the town of Feuerbach. (*J. Hesse*).

HERBARIUM and TYPES: Unknown.

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Hesse, Rudolph (1844-1912), German botanist and agronomist teaching at the agricultural colleges of Arendsee and Marburg. (*R. Hesse*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 168; BM 2: 837; CSP 10: 217, 15: 815; Frank 3(Anh.): 43; Jackson p. 172; Kew 2: 670; LS 12180-12192; NI 865; Stevenson p. 1245.
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Hessler, Karl (*fl.* 1822), German botanist; Dr. phil. Göttingen 1822. (*Hessl.*).

HERBARIUM and TYPES: GOET(?).

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Heucher, Johann Heinrich von (1677-1747), German (Austrian-born) botanist and physician at Wittenberg, later in Dresden. (*Heuch.*).

HERBARIUM and TYPES: Unknown.

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Heufler zu Rasen und Perdonegg, Ludwig Samuel Joseph David Alexander, (later, 1865) Freiherr von Hohenbühel (1817-1885), Austrian cryptogamist and state official (k.k. wirklicher Kämmerer 1853, Ministerialrath 1864). (*Heufl.*).

HERBARIUM and TYPES: Sold after the author's death; present location unknown. However, Heufler had already deposited much of his herbarium material at IBF during his lifetime. Further material at B, H, LE, LZ, W, WA (mentioned by Sayre (1978) for Musci). manuscripts at IBF.
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NAME: Published as "Heufler" until 1865 when he received his baronetcy; from then on H. used the name Hohenbühel-Heufler in his scientific publications.

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Heukels, Hendrik (1854-1936), Dutch botanist and high school teacher at Almelo, Nijmegen and Amsterdam. (*Heukels*).

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Ed. 17: 1972, p. [i-v], [1]-911. *Copy*: U.
Ed. 18: 1975 (p. 2: Sep 1974), p. [i-v], 1-913. *Copy*: FAS. – ISBN id.
Ref.: Stafleu, F. A., Acta Bot. Neerl. 14: 257-258. 1965; Taxon 20: 807-809. 1971 (rev. ed. 16); 25: 351. 1976 (ed. 18).

2728. Nederlandsche Natuurhistorische Vereeniging. *Nederlandsche plantennamen*, voor algemeen gebruik gekozen door de Commissie voor Plantennamen. Epe (A. Hooiberg) s.d. [1906]. (*Nederl. pl.-nam.*).
Publ.: 1906 (t.p. undated; preface p. [iii] Dec 1906), p. [i, iii], [1]-79. *Copy*: FAS. – The anonymous brochure has a preface signed by H. Heukels and H. W. Heinsius, of which the first was the actual author.

2729. Nederlandsche Natuurhistorische Vereeniging. *Woordenboek der Nederlandsche volksnamen* van planten uit de gegevens, verzameld door de Commissie voor Nederlandsche plantennamen bewerkt door H. Heukels, secretaris dier commissie. s.l. [Amsterdam] (Uitgave der Nederlandsche Natuurhistorische Vereeniging. W. Versluys) 1907. Oct. (*Woordenb. Nederl. volksnam.*).
Publ.: 1907, p. [i]-viii, [1]-332. *Copies*: FAS, U(2).

2730. *De flora van Nederland.* Beschrijving van den bouw, van bijzonderheden uit het leven en van het voorkomen van alle in Nederland in het wild groeiende bloemdragende planten. Leiden (E. J. Brill), Groningen (P. Noordhoff) 1909-1911, 3 vols. Oct. (*Fl. Nederland*).
Publ.: In 39 parts, the contents of which are not yet known to us. The dates of publication of the parts are given by the Nederlandsche Staatscourant (1: 2 Jun 1908; 30: 22 Mar 1911).

1: 1911 (completed by Jun 1911), p. [i]-xxxv, map, [1]-629. *Copies*: G, FAS, U(2).
2: 1909, p. [i]-xxiii, [1, err.], [1]-695. *Copies*: G, MO, FAS, U(2).
3: 1910-1911, p, [i]-xv, [1]-511. *Copies*: G, MO, FAS, U(2).

2731. *Lijst van Nederlandsche, Hoogduitsche, Fransche en Engelsche namen van planten.* Leiden (E. J. Brill), Groningen (P. Noordhoff) 1910. Oct. (*Lijst Nederl. nam. pl.*).
Publ.: 1910, p. [i]-vii, [1]-98. *Copy*: U.

2732. *Plantenatlas* bevattende afbeeldingen van de in Nederland in het wild groeiende planten, gerangschikt volgens de Schoolflora voor Nederland. Groningen (P. Noordhoff) 1911. Oct. (*Plantenatlas*).
Publ.: 1911 (p. [iii]: Aug 1911), p. [i, iii], [1]-355. *Copies*: L, NBV.
Ed. 2: 1925 (p. [iii]: Nov 1924), p. [i-iv], [1]-404. *Copies*: L, NBV.

2733. *Beknopte schoolflora voor Nederland.* Groningen-Batavia (P. Noordhoff N.V.) 1932. Oct. (*Bekn. schoolfl. Nederl.*).
Co-author: Willem Hendrik Wachter (1882-1946).
Editor of eds. 6-x: Simon J. van Ooststroom (1906-x).
Imprints: eds. 1-7 as above; 8: Groningen-Djakarta (P. Noordhoff N.V.); 9-x: Groningen (P. Noordhoff N.V.).

Ed. 1: Nov-Dec 1932 (p. [iv]: Oct 1932), p. [i-viii], [1]-392. *Copies*: L, NBV, U.
Ed. 2: 1936 (p. [iv]: Jan 1936), p. [i-viii], [1]-392. *Copies*: FAS. L.
Ed. 3: Sep-Dec 1939 (p. [iv]: Aug 1939), p. [i-viii], [1]-393. *Copies*: FAS, L.
Ed. 4: Sep-Dec 1942 (p. [iv]: Aug 1942), p. [i]-xii, [1]-395. *Copies*: FAS, L, NBV.
Ed. 5: 4 Jul 1946 (p. iv: Jun 1946; inscription in copy L), p. [i-xii], [1]-395. *Copies*: L(3).
Ed. 6: Sep-Dec 1947 (p. [iv]: Aug 1947), p. [i]-xii, [1]-395. *Copies*: FAS, L.
Ed. 7: 1949 (p. [iv]: Jan 1949), p. [i]-xii, [1]-412. *Copies*: L, USDA.
Ed. 8: 1952 (p. iv: Jan 1952), p. [i]-xii, [1]-414. *Copies*: FAS, L, U, USDA.
Ed. 9: 1957 (p. iv: Jan 1957), p. [i]-xii, 1-424. *Copies*: FAS, L.
Ed. 10: 1960 (p. iv: Apr 1959), p. [i]-xii, 1-424. *Copies*: FAS(2), L(2). – "*Heukels-van Ooststroom, Beknopte school- en excursieflora voor Nederland* oorspronkelijk bewerkt door W. H. Wachter tiende druk bewerkt door S. J. van Ooststroom." Groningen (P. Noordhoff) 1960.
Ed. 11: 1963 (p. iv: Sep 1962), p. [i]-xii, 1-424. *Copy*: USDA.
Ed. 12: 1968.

Heydrich, Franz (x-1911), German algologist. (*Heydr.*).

HERBARIUM and TYPES: B (original algae herb., destroyed).

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 278; Barnhart 2: 170; BM 2: 840, 6: 462; CSP 15: 824; De Toni 4: xxix; Kew 2: 672; MW p. 177; Urban-Berl. p. 141, 265.
Anon., Nuov. Not. 22: 206. 1911; Österr. bot. Z. 61: 359. 1911.
Koster, J. T., Taxon 18: 553. 1969 (herb. destroyed).

2734. *Neue Kalkalgen von Deutsch-Neu-Guinea* (Kaiser Wilhelms-Land). Stuttgart (Verlag von Erwin Nägele) 1897. Qu. (*Kalkalg. Deutsch-Neu-Guinea*).
Publ.: Apr 1897 (Nat. Nov. Mai(2) 1897, Bot. Zeit. 1 Jul 1897), p. [ii, iii, v], [1]-11, *pl. 1*. *Copies*: B, G, NY. – Bibliotheca botanica Heft 41.
Ref.: Heydrich, Ber. deut. bot. Ges. 10: 458-485. 1892.

Heyer, Carl (1797-1856), German botanist and professor of forestry at Giessen. (*Heyer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 170; BM 2: 840; CSP 3: 344, 7: 974; Jackson p. 305; Kew 2: 672; Moebius p. 398; PR 4046; Ratzeburg p. 240-242; Rehder 5: 390; Tucker 1: 339.
Anon., Brockhaus' Conversations-Lexikon ed. 13. 9: 213. 1884.

2735. *Phanerogamen-Flora der grossherzoglichen Provinz Ober-Hessen* und insbesondere der Umgebung von Giessen, enthaltend die in dem bezeichneten Gebiete wildwachsenden und häufiger im Freien cultivirten Blüthenpflanzen. Von Dr. Carl Heyer, . . . Nach dem Tode des Verfassers bearbeitet und herausgegeben von Dr. Julius Rossmann . . . Giessen (Ferber'sche Universitätsbuchhandlung) s.d. [1863] Oct. (in fours). (*Phan.-Fl. Ober-Hessen*).
Co-author: Georg Wilhelm Julius Rossmann (1831-1866).
Publ.: Feb-Jul 1863 (Bot. Zeit. 28 Aug 1863; Flora Oct 1863), p. [i]-viii, [1]-482. *Copies*: G,

M, NY. – Issued in two parts as a supplement to Ber. Oberhess. Ges., p. [i]-viii, [1]-208. 1860 and p. 209-482. 1863 (Bericht 10).
Other issue: Giessen (Druck von Wilhelm Keller) s.d., *Publ.*: as above, 1863, p. [i]-viii, [1]-482. *Copies*: B, MO.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 21: 259-260. 28 Aug. 1863.

Heyne, Benjamin (1770-1819), German Moravian missionary; at Tranquebar 1792; superintendent Bangalore Gardens 1802-1888; in England 1813. (*B. Heyne*).

HERBARIUM and TYPES: Material at B, BR, CGE, G, GH, H, K, LE.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 266; BB p. 146; BM 2: 840; CSP 3: 345; Desmond p. 305; Hortus 3: 1195 ("B. Heyne"); IH 2: 274; Kew 2: 673; PR (alph.); RS p. 87; SK 1: 230, 5: cclxxxv, 8: xliv.
Burkill, I. H., Chapters hist. bot. India 240 [index]. 1965.
Candolle, A. P. de, Mém. Souvenirs 379-380. 1862.
Miller, H. S., Taxon 19: 526. 1970.
Müller, Bot. Tidsskr. 52: 57. 1955.
Phillimore, R. H., Hist. Rec. Survey India 2: 113-115. 1950 (fide Desmond).

EPONYMY: *Heynea* Roxburgh (1815).

Heyne, Friedrich Adolf (1760-1826), German botanist, "Coburgischer Rath." (*F. Heyne*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 840; Kew 2: 673; PR 4047 (ed. 1: 4450).

2736. *Pflanzen-Kalender* oder Versuch einer Anweisung welche Pflanzen man in jedem Monat in ihrer Blüthen finden könne und auf welchem Standorte ... Leipzig (bey Johann Ambrosius Barth) 1804. Oct. (*Pfl.-Kalend.*).

Ed. 1: 1804 (p. xxiv: Feb 1804) in two Hefte, 1804. *Copy*: NY (Heft 2).
Heft 1: p. [i]-xxiv, [1]-166.
Heft 2: [167]-403, [404, err.].
Ed. 2: Apr-Mai 1806 (publ. at Easter fair), in two Hefte. *Copy*: NY. – "Zweyte vermehrte Auflage mit einer Anleitung zum Studium der Botanik von Dr. Schwägrichen" [Christian Friedrich Schwägrichen, 1775-1853]. Leipzig (id.). Oct.
Heft 1: [i]-xxiv, [i]-lii, [1]-166.
Heft 2: [167]-403, [404, err.].
Ed. 3: 1809 (p. xii: Jun 1809), in two Hefte. *Copy*: NY. – "Neue, vermehrte und verbesserte Auflage" Stuttgart (bey Friedrich Hebel) 1809. Oct. (in fours).
Heft 1: [i]-xii, [1]-164.
Heft 2: [165]-388, [i]-liv.

Heyne, Karel (1877-1947), Dutch botanist employed at the museum and information service for economic botany at Bogor (Buitenzorg), Indonesia, 1906-1927. (*K. Heyne*).

HERBARIUM and TYPES: BO, BZF.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 266; Barnhart 2: 171; BL 1: 105, 301; Bossert p. 174; Hortus 3: 1195 ("K. Heyne"); IH 2: 274; Kew 2: 673; SK p. 230.
Anon., Soerabaias Handelsblad 6 Apr 1927, p. 3. (fide SK).
Wit, H. C. D. de, *in* C. G. G. J. van Steenis, Fl. males. ser. 1. 4(2): c. 1949 (portr.).

EPONYMY: *Heynella* Backer (1950).

2737. *De nuttige planten van Nederlandsch-Indie* tevens synthetische catalogus der verzamelingen van het Museum voor Technische en Handelsbotanie te Buitenzorg. Batavia (Ruygrok & Co.) 1913-1922, 4 vols. Oct (*Nutt. pl. Ned.-Ind.*).

Ed. 1: 1913-1922. *Copies*: HH, NY, U.
Vol. 1: 1913 (p. 4: Jun 1913), p. [i], [1]-4, [1]-250, [i]-xxvii.
Vol. 1: completed edition 1922 (p. [iv]: Mar 1922), p. [i-iv], [1]-570, [1, h.t.], [i]-lxxx.
Vol. 2: 1916 (slip, loose, dated Jan 1917), p. [i], [1]-349, [1, h.t.], [i]-xxxix; loose: slip on publ. vol. 3, bibliography [1-4].
Vol. 3: 1917, p. [i], [1]-402, [i*, h.t.], [i]-xlviii (indexes), loose: bibliography [1-4].
Vol. 4: 1917 (p. [i], [1]-254, [1, h.t.], [i]-xxxvi.

Ed. 2: Batavia (id.) 1927, Oct. "2e herziene en vermeerderde druk". "Uitgave van het Departement van Landbouw, Nijverheid & Handel in Nederlandsch-Indie". *Copies*: FAS, MO, U.
Vol. 1: Dec 1927 (p. iv: Nov 1927), p. [i-iv], [1]-732.
Vol. 2: Dec 1927, p. 733-1450.
Vol. 3: Dec 1927, [1451]-1662. [i]-ccxli.

Heynhold, Gustav (orig. Heinhold) (1800-ca. 1860), German botanist in Saxonia. (*Heynh.*).

HERBARIUM and TPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 171; BM 2: 841; Hortus 3: 1195 ("Heynh."); Jackson p. 15, 310; Kew 2: 673; Langman p. 368; NAF 28B(2): 335; PR 4048-4050 (ed. 1: 4451-4454); Rehder 5: 391; TL-2/1768; Tucker 1: 339; Zander ed. 10, p. 670.

2738. *Das natürliche Pflanzensystem.* Ein Versuch, die gegenseitigen Verwandtschaften der Pflanzen aufzufinden, durch Andeutung ihrer Bildungsstufen, Uebergänge, Ausnahmen, mit Berücksichtigung der arzneilichen und überhaupt anwendbaren Gewächse, nebst einer historischen Einleitung. Gemeinfasslich dargestellt und zunächst für angehende Apotheker, Aerzte &c. bearbeitet von Gustav Heynhold. Mit einer Vorrede von Dr. Heinrich Ficinus, professor sc. . . . Dresden und Leipzig (in der Arnoldischen Buchhandlung) 1840. Oct. (*Nat. Pfl.-Syst.*).
Preface: Heinrich David August Ficinus (1782-1817).

Ed. 1: 1840 (p. v: 16 Jan 1840), p. [i]-viii, [1]-181, [1-2, err.]. *Copies*: M, NY.
Ed. 2: Leipzig (Arnoldischen Buchhandlung) 1850. Oct. *publ.*: 1850, p. [i]-viii, [1]-181. *Copy*: B.

2739. *Nomenclator botanicus hortensis* oder alphabetische und synonymische Aufzählung der in den Gärten Europa's cultivirten Gewächse, nebst Angabe ihres Autors, ihres Vaterlandes, ihrer Dauer und Cultur, bearbeitet von Gustav Heynhold nebst einer Vorrede von Dr. Ludwig Reichenbach. Dresden und Leipzig (in der Arnoldischen Buchhandlung) [1840-1841], 2 vols. Oct. (in fours). (*Nom. bot. hort.*).

Vol.	Heft	pages	dates
1	[1]-2	1-408, [i]-xx	27 Sep-3 Oct 1840 (Hinrichs)
2	3[-?]	409-888	Jul 1841 (postface 6 Jul 1841)

Copies: G, L, MO, NY, USDA; IDC 796. – Hinrichs mentions Heft 3 (pp. 409-?) for 7-13 Mar 1841. From this is would seem that volume 2 came out in more than one part. A *zweiter Band* was published in 1846 under a separate main title (see no. 2742).
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 6: 13-15. 7 Jan 1848.

2740. *Flora von Sachsen.* Beschreibung der im Königreiche Sachsen, dem Herzogthume Sachsen preussischen Antheils, den Grossherzoglich und Herzoglich Sächsischen Landen Ernestinischer Linie, den Herzoglich Anhaltischen, Fürstlich Schwarzburgischen und Fürstlich Reussischen Landen wildwachsenden und allgemein angebauten Pflanzen, mit besonderer Berücksichtigung ihrer Anwendung in der Pharmacie, Technologie und Oekonomie &c. bearbeitet von Dr. Friedrich Holl, . . . und Gustav Heynhold, . . . Erster Band. Dresden (Verlag von Justus Naumann) 1842. Oct (*Fl. Sachsen*).

Co-author (of entire work as planned; Heynhold was sole author of the only volume which appeared, vol. 1): Carl Friedrich Holl (*fl.* 1840-1850).
Erste Abtheilung: 1842, p. [ii]-x, [1], [1]-348.
[*Zweite Abtheilung*:] late 1842 (Flora rd. Nov.Dec 1842), p. [i-ii], [349]-862, [1, err.].
Copies: B, G, M, NY, Regensburg, USDA.
Title-pages: (1) With text as above, issued with second part.
(2) As above, but e.g. with "Erster Band. Erste Abtheilung," in all copies seen as p. [ii].
(3) in some copies as p. [iii]: "Flora von Sachsen. Erster Band: Phanerogamie von Gustav Heynhold. Erste Abtheilung."
Ref.: Anon., Lit. Ber. Flora [12]: 101-106. 7 Dec 1842.

2741. *Clavis generum zur Flora von Sachsen* von Dr. Friedrich Holl und Gustav Heynhold. Eine synoptische Darstellung der zu diesem Florengebiet gehörigen Gattungen der ersten Abtheilung (der Phanerogamen), zum erleichterten Bestimmen, nebst einem deutschen Register derselben. Bearbeitet von Gustav Heynhold . . . Dresden (Verlag von Justus Naumann) 1843. Oct. (*Clav. gen. Fl. Sachsen*).
Co-Author: Carl Friedrich Holl (*fl.* 1840-1850).
Publ.: Aug-Jun 1843 (Bot. Zeit. 7 Jul 1843), p. [i], [1]-70. *Copies*: G, M.
Ref.: Schlechtendal D. F. L. von, Bot. Zeit. 1: 471-472. 7 Jul 1843.

2742. *Alphabetische und synonymische Aufzählung der* in der Jahren 1840 bis 1846 in den europäischen Gärten eingeführten *Gewächse* nebst Angabe ihres Autors, ihres Vaterlandes, ihrer Dauer und Cultur. Ein Hilf- und Ergänzungbuch zu den Werken von Dietrich, Dumont-Courset, Loudon, Sweet, Steudel u.s.w. nach dem neuesten Quellen bearbeitet. Dresden/Leipzig (in der Arnoldischen Buchhandlung) 1846[-1847]. (*Alph. Aufz. Gew.*).
Publ.: 1846-1847, p. [ii]-xx, [1-2, notes], [1]-774. *Copies*: G, NY, U, USDA; IDC 796. – *Zweiter* Band of the above-mentioned *Nomenclator botanicus hortensis* (2739). Came out in at least three parts, possibly more. Pages [i]-viii, [1]-144, were reviewed by Bot. Zeit. 16 Oct. 1846 (p. viii dated Mai 1846), p. 145-384(?) came out later in 1846, p. 385(?)-774 came out in 1847 (rev. Bot. Zeit. 7 Jan 1848).
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 4: 734. 16 Oct 1846, 6: 13-15. 7 Jan 1848.

Hick, Thomas (1840-1896), British botanist who studied and lectured (1861-1876) at the Lancasterian School at Leeds; from 1876-1886 science master at Pannall College, Harrogate, 1886-1896 lecturer at Owens College, Manchester. (*Hick*).

HERBARIUM and TYPES: MANCH; fossil collections also at Manchester Museum. Letters at Kew.

NOTE: Hick's *Synopsis of the leading natural orders of British flowering plants*, ed. 2, London (J. E. Lornish), was published Apr-Mai 1891 (Nat. Nov. Jun 1891; Bot. Zeit. 26 Jan 1891).

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 278; Barnhart 2: 171; BB p. 147; BM 2: 841; CSP 10: 223, 12: 333, 15: 829-830; Desmond p. 306; De Toni 1: lxiii; IH 2: 274; Kew 2: 675-676; LS 12269-12270; Nordstedt p. 31.
Anon., Trans. Manchester Micr. Soc. 1896: 105-106.
Britten, J., J. Bot. 34: 108. 1896.
Cash, Proc. Yorks. geol. Soc. 13: 234-239. 1899 (bibl.).
Dallmann and Wood, Trans. Liverpool bot. Soc. 1: 74. 1909.
Hick, T., J. Bot. 21: 198-200. Dec 1883 (Ranunculus ficaria).
Hick, T. & Cash, W., Proc. Yorksh. Geol. Soc. 7: 73-82, 400-405. 1881 (palaeobot.).
Lees, J. Bot. 35: 193-196. 1897 (portr.).
Murray, J. Bot. 34: 488. 1896.

HANDWRITING: Proc. Yorksh. Geol. Soc. 13(2): plate facing p. 235.

Hicken, Cristóbal Maria (1875-1933), Argentine botanist; founder (1911) of the Instituto botanico Darwinion at San Martin, later at San Isidro; Dr. sci. Buenos Aires, 1906; Lecturer at the Collegio militar (1899-1928) and simultaneously at various other schools in Buenos Aires. (*Hicken*).

HERBARIUM and TYPES: SI; further material at K, NY and S.
Ref.: Burkart, A., Darwiniana 2: 126-149. 1937.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 171; BL 1: 232, 234, 235, 301; Bossert p. 174; CSP 15: 830; Hirsch p. 122; Hortus 3: 1195; IF suppl. 1: 81-82, 2: 36, 3: 211, 4: 323; IH 2: 274; Kew 2: 676-677; Lenley p. 222; Rehder 5: 391; Tucker 1: 339.
Anon., Rev. sudamer. Bot. 1(2): 61-63. 1934 (bibl.).
Burkart, A., Darwiniana 2: 150-153. 1937; 16(3-4): 803-809. 1971 (bibl.), q.v. for further biogr. refs.
Herrera, F. L., Estud. fl. Cuzco 15. 1930.
Hicken, Contribución al conocimiento de la bibliografía botánica argentina, Darwiniana 1: 191-539. 1930 (bibl.).
Millán, Rev. Argent. Agron. 1: 87-88. 1934 (portr.).
Porter, Rev. Chil. Hist. nat. 37: 180-182. 1933 (portr.).
Rentzell, Darwiniana 2: 98-104. 1937. (portr., bibl.).

COMPOSITE WORKS: founder and editor of *Darwiniana*, vols. 1-2, 1922-1930.

EPONYMY: (genera): *Hickenia* Lillo (1919); *Hickenia* N. L. Britton & J. N. Rose (1922); (journal): *Hickenia*. Boletín del Darwinion (Instituto de Botánica Darwinion). San Isidro. Vol. i-x. 1976-x.

POSTAGE STAMPS: Argentina 6 p. (1969) yv. 843.

2743. *Nouvelles contributions aux fougères argentines* . . . Buenos Aires (Imprimerie Coni frères, . . .) 1907. Oct. (*Nouv. contr. foug. argent.*).
Publ.: Dec 1907 (p. 12: Dec 1907; Nat. Nov. Feb(2) 1909), p. [1]-12. *Copy*: MO. – Trab. Mus. farmacol. Fac. Ci. med. Buenos Aires 1908.

2744. *Chloris platensis argentina* . . . Buenos Aires (Imprenta y Casa editora "Juan d. Alsina" . . .) 1910. Oct. (*Chlor. plat. argent.*).
Publ.: 1910, p. [1]-292. *Copy*: USDA. – Apuntes de historio natural vol. 2(1): 3-292. 1910.

Hiern, William Philip (1839-1925), British botanist of independent means who worked at Kew and BM; M.A. Oxford 1868.(*Hiern*).

HERBARIUM and TYPES: Hiern's British herbarium is at RAMM; his non-British collections are at CGE. The types of the *Catalogue* (see below) are at BM. This set of Welwitsch specimens was the second one; the first, ("study set") was returned to Lisbon (LISU) upon a law-suit after Welwitsch's death in 1873.
Ref.: Murray, Hist. Coll. BMNH 190. 1904.

NOTE: "I refuse to tamper with Greenwich time" (to Rendle when travelling in Australia with his watch at G.M.T.).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 267; Barnhart 2: 172; BB p. 147; BM 2: 842, 6: 463; BL 1: 22, 63, 301, 2: 236, 237, 668; Bossert p. 174; Clokie p. 183; CSP 3: 347[?], 7: 977, 10: 225-226, 15: 833; Desmond p. 307; DTS 1: 117; Hortus 3: 1195; IH 2: 274; Jackson p. 130, 346, 384; Kew 2: 678; Langman p. 369; LS 12277; MW p. 177; Rehder 5: 391; RS p. 87; SO 484, 886; Tucker 1: 340; Zander ed. 10, p. 670.
Britten, J. Bot. 34: 439. 1896, 63: 32. 1926.
C. H. W. [Wright], Nature 117: 23. 1926; Kew Bull. 1926: 45-46 (brief account of the Welwitsch collections affair).
Dandy, J. E., and Taylor, G., J. Bot. 77: 97. 1937.
Dolezal, H., Friedrich Welwitsch 239 [index]. 1974.
Druce, G. C., Bot. Exch. Cl. Br. Isl. Rep. 7(5): 849-851. 1926.
Hawksworth, D. L. & M. R. D. Seaward, Lichen. Brit. Isl. 29, 94-95, 198. 1977.
Jackson, B. D., Proc. Linn. Soc. 138: 83-84. 1926.
Martin, W. V. and G. T. Fraser, Fl. Devon 776-777. 1939.
Moore, S., Fl. Cheshire lxxxiii. 1899.

Rendle, A. B., J. Bot. 63: 168. 1926, 64: 51-54. 1926 (bibl. by Ardagh).

COMPOSITE WORKS: (1). Harvey and Sonder, *Flora capensis* (TL-2/2448):
Scrophulariaceae: 4, 2(1): 121-192. Feb 1904, 2(2): 193-384. Jul 1904, 2(3): 385-420. Oct. 1904.
Orobanchaceae: 4, 2(2): 421-422. Oct 1904.
Ebenaceae: 4, 1(3): 444-478. Oct 1906.
(2). J. D. Hooker, *Flora British India* (TL-2/2981):
Meliaceae 1: 540-569. Feb 1875
Sapindaceae 1: 668-699. Feb 1875.
(3). Contributions to Oliver, *Flora of tropical Africa*:
Araliaceae, 3: 27-33. 1877.
Dipsaceae, 3: 249-253. 1877.
Ebenaceae, 3: 509-525. 1877.
Goodenovieae, 3: 461-462. 1877.
Lythraceae, 2: 464-486. 1871.
Rubiaceae, 3: 33-247. 1877.
Umbelliferae, 3: [1]-27. 1877.
Valerianeae, 3: 248-249. 1871.
(4). Warming, *Symb. Fl. Bras. centr.*, *Acanthaceae*, *Gesneriaceae*, *Smilacaceae*, *Verbenaceae*, in part 23, 1877, *publ.* 17 Apr 1878 (p. 67-87, 87-94, 37-66, 94-108 resp.).
(5) With Count de Ficalho, Mem. pl. Afr. Central ... Pinto, Lisboa 1887 (1883), a translation from Trans. Linn. Soc., London, Bot. 2, 1881.

EPONYMY: *Hiernia* S. Moore (1880).

2745. On the forms and distribution over the world of *the Batrachium section of Ranunculus*. [London 1871]. Oct. (*Batrachium*).
Publ.: after 1 Apr 1871, p. [1]-22. *Copy*: G. – "Reprinted and revised from the Journal of Botany, 1871," orig. publ. J. Bot. 9: 43-49. 1 Feb 1871; 65-69. 1 Mar 1871; 97-107. 1 Apr 1871. – The copy at G has manuscript additions by the author; it was sent on 26 Jan 1874.

2746. *A monograph of the Ebenaceae* ... Cambridge (Printed by C. J. Clay, M.A. at the University Press) 1873. Qu. (*Monogr. Eben.*).
Publ.: early Apr 1873 (submitted 11 Mar 1872; copy to Alph. DC sent 10 Apr 1873; J. Bot. Apr 1873), p. [i], 27-300, *pl. 1-11* (uncol. liths. by A. T. Hollick, no. *11* by A. Faguet). *Copies*: G, L, MICH, MO, NY, U, US (journ. publ.), USDA (id.). – Trans. Cambridge philos. Soc. 12(1). 1873.
Ref.: H.T. [Trimen], J. Bot. 11: 182-183. 1873.
Anon., Bot. Zeit. 32: 155. 6 Mar 1874.

2747. *Catalogue of the African plants* collected by Dr. Friedrich Welwitsch in 1853-61 ... London (printed by order of the Trustees [of the British Museum]) 1896-1901, 2 vols. Oct. (*Cat. afr. pl.*).

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1	1	[i]-[xxvi], [1]-336	Dec 1896	1	4	[i], 785-1035	Aug 1900
	2	[i], 337-510	Mar 1898	2	1	[i], [1]-260	30 Mai 1899
	3	[i], 511-784	Dec 1898		2	[i, iii, v], 261-566	Mar 1901

Copies: BR, MO, NY, USDA. – Vol. 1 (Dicotyledons) (with frontisp. portr. of Welwitsch) by W. P. Hiern, 2(1) Monocotyledons and Gymnosperms by Alfred Barton Rendle, 2(2) (Crypt.) by W. Carruthers et al.
Ref.: A.M.V., Bull. Torrey Bot. Club 24(5): 266. 29 Mai 1897.
Britten, J., J. Bot. 35: 23-26. Jan 1897, 36: 157-158. Apr 1898, 233-235. Jun 1898, 37: 48. Jan 1899, 191-192. Jun 1899, 39: 39-40. Jan 1901.
J.M.C., Bot. Gaz. 23: 210-211. 24 Mar 1897, 31: 69-70. 21 Jan 1901.
Engler, A., Bot. Jahrb. 26 (Lit.): 49. 1899.

Hieronymus, Georg Hans Emmo (Emo) **Wolfgang** (1846-1921), German botanist and plant collector; Dr. phil. Halle 1872; at Cordoba, Argentina, 1874-1883; from 1883-1892 Privatgelehrter at Breslau; at Berlin-Dahlem from 1892. (*Hieron.*).

HERBARIUM and TYPES: Main collections at B (herb. rd. 1892; fern collection extant), but much material also at CORD. *Exsiccatae*: (1) *Flora argentina* (1872-1883) at B, CORD, GH, L, MO, NY, P, SP. – (2) *Herbarium cecidiologicum* (later ctd. by R. Dittrich and F. Pax), Lief. 1-15, nos. 1-121, 121a-425. 1892-1907.

BILIOGRAPHY and BIOGRAPHY: Backer p. 267; Barnhart 2: 172; BJI 1: 26-27, 2: 75-76; BM 2: 842, 6: 463; BL 1: 232, 235, 236, 255, 301; Bossert p. 174; CSP 7: 977, 10: 226, 12: 333, 15: 833-834; De Toni 1: lxiv, 4: xxix-xxx; DTS 1: 117; Hortus 3: 1195; IF p. 702-703, suppl. 1: 82, 2: 36, 3: 211; IH 2: 274; Jackson p. 127; Kew 2: 678-679; KR p. 295; Langman p. 369; LS 12278; Moebius p. 127; MW p. 177-178; NAF ser. 2. 2: 160, 5: 242; Nordstedt p. 18; Rehder 5: 391-392; Tucker 1: 340; Urban-Berl. p. 265, 276, 287, 302, 356; Zander ed. 10, p. 670.
A.C., Physis 5: 346-348. 1922.
Anon., Bot. Not. 1921: 147; Nuov. Notar. 23: 88-89. 1922; Marcellia 19: xxxv. 1922.
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Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 150-151. 1947.
Pax, F., Schlesiens Pflanzenwelt 18. 1915.
Pilger, R., Hedwigia 62: [i-iv]. 1921 (portr.).
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Vervoorst, Bol. Acad. nac. Ci. 49: 63-70. 1972 (on Lorentz and H., biogr. and itin.).
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Wittrock, V. B., Acta Horti Berg. 3(2): 129, *pl. 29*. 1903 (portr.), 3(3): 137, *pl. 129*. 1905 (portr.).

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(2) *Algae*, *Pteridophyta*, in *Deutsch Ost Afrika* 5 B, C, 1895.
(3), EP, *Die natürlichen Pflanzenfamilien* ed. 1 (TL-2/1710):
Eriocaulaceae, (2)4: 21-27. Oct 1887, Nachtr. 2-4(1): 61. Jul 1897.
Centrolepidaceae, 2(4): 11-16. Oct 1887, Nachtr. 2-4(1): 61. Jul 1897.
Myzodendraceae, 3(1): 198-202. Mai 1889; suppl. by A. Engler, Nachtr. 2-4(1): 140-141. Aug 1897.
Restionaceae, 2(4): 3-10. Oct 1887; Nachträge 2-4(1): 67. Jul 1897, (2): 9. 8 Oct 1900.
Selaginellaceae (in collaboration with Richard Sadebeck), 1(4): 621-624. Jan 1901, 625-672. Sep 1901, 673-715. Nov 1901.
(4) Urban, I., *Symb. ant.* 3(3): 524-527. 1 Mai 1903 (Selaginella, by Hieronymus).

NOTE: Hieronymus also published the series *Botanische Bilderbogen* (als Lehrmittel für den Unterricht in der Morphologie der Pflanzen) serie I. in 100 Tafeln (15 morph., 85 flower diagrams), Breslau, January 1884; a series of plates (used for lectures) with which many present-day continental botanists became acquainted in the early phases of their careers).

EPONYMY: *Hieronymiella* Pax (1890); *Hieronymusia* Engler (1918).

2748. *Beiträge zur Kenntnis der Centrolepidaceen*. Halle (Druck und Verlag von H. W. Schmidt) 1873. Qu. (*Beitr. Centrolepid.*).
Publ.: Jan-Apr 1873 (Bot. Zeit. 16 Mai 1873; BSbF post 19 Apr 1873; J. Bot. Aug 1873), p. [1]-108, *pl. 1-4* (uncol. liths.). *Copies*: G, L. – Reprinted from Abh. naturf. Ges. Halle 12(3, 4): [115]-222, *pl. 1-4*. 1873 (copy journ. publ. MO).

2749. *Niederleinia juniperoides* el representante de un nuevo género de la familia de las Frankeniáceas. [Cordoba 1879]. Oct.
Publ.: 1879, p. [1]-12. *Copy*: G. – Reprinted from Bol. Acad. Ci. Córdoba 3: 219-230. 1879. To be cited from journal.

2750. *Sobre la necessidad de borrar* el género de compuestas *Lorentzia* Griseb. y sobre un nuevo género de euforbiáceas *Lorentzia* . . . Buenos Aires (Litogr. imprenta y encuadernacion de Guillermo Kraft.) 1881. Oct.
Publ.: 1881, p. [1]-28. *Copy*: MO. – Reprinted from Bol. Acad. nac. Ci. 4(1): 74-101. 1881. To be cited from journal.
Note: for Paul Günther Lorentz (1835-1881) see e.g. IH 2: 460.

2751. *Plantae diaphoricae florae argentinae* ó revista sistematica de las plantas medicinales, alimenticias ó de alguna otra utilidad y de las venosas, que son indígenas de la República Argentina ó que, originarias de otros paises se cultivan ó se crian espontáneamente en ella . . . Buenos Aires (Litografia, imprenta y encudernacion de Guillermo Kraft . . .) 1882. Oct. (*Pl. diaph. fl. argent.*).
Publ.: Dec 1882 (p. 337: Dec 1882), p. [1]-404. *Copy*: NY. – Bol. Acad. nac. Ci. 4(3,4): 199-598. 1882.

2752. *Icones et descriptiones plantarum*, quae sponte in Republica Argentina crescunt. Abbildungen und Beschreibungen von Pflanzen, welche in der Republik Argentina wildwachsend gefunden werden, . . . Breslau (Druck der Breslauer Genossenschafts-Buchdruckerei, . . .) 1885, Qu. †. (*Icon. descr. pl.*).
Lieferung 1: all published, Sep-Oct 1885 (Nat. Nov. Oct 1885; Bot. Zeit. 27 Nov 1885; J. Bot. Jan 1886), p. [i], [1]-59, *pl. 1-10* (uncol. liths. by Eva et G. Hieronymus). *Copies*: G, MICH, NY, US, USDA. – Acta Acad. nac. Cienc. Cordoba vol. 2.
Spanish transl.: Icones . . . crescunt. Descripcion ilustrada de las plantas que crecen espontánemente en la república Argentina. Córdoba, 1886. Qu., p. [1]-74, *pl. 1-10* (id.). *Copy*: MO. – Repr. from Acta Acad. Cienc. Cordoba 2(1). 1886.
Ref.: Schumann, K. M., Bot. Zeit. 44: 156-157. 26 Feb 1886.
Pax, F., Bot. Jahrb. 7(Lit.): 41. 31 Dec 1885.

2753. *Ueber Rafflesia Schadenbergiana* (Göppert). Ein Beitrag zur Kenntnis der Cytinaceen von G. Hieronymus. Mit zwei Tafeln. Breslau im Januar 1885. Qu. (*Rafflesia Schadenbergiana*).
Publ.: Jan 1884 (t.p.; Bot. Zeit. 27 Feb 1885; Nat. Nov. Mar(1) 1885), p. 1-10, *2 pl.* (uncol. liths. by author). *Copy*: G. – See also Hieronymus, Bull. Congr. int. Bot. 1884: 35-36.
Ref.: Solms, Bot. Zeit. 43: 507-508. 7 Aug 1885.

2754. *Beiträge zur Kenntniss der europäischen Zoocecidien* und der Verbreitung derselben. Breslau (Druck von Grass, Barth & Co. (W. Friedrich).) 1890. Oct. (*Beitr. eur. Zoocecid.*).
Publ.: 1890 (t.p., however Bot. Zeit. 28 Aug 1891; Nat. Nov. Sep(2) 1891), p. [1]-224. *Copy*: M. – Reprinted from Ergänzungsheft zum 68. Jahresbericht der Schlesischen Gesellschaft für vaterländische Cultur, p. [49]-272. 1890. (*copy* journal publ.: M).

2755. *Selaginellarum species novae* vel non satis cognitae. iv. Selaginellarum species novae in insula Borneo indigenae, . . . (Sonderdruck aus "Hedwigia" Band LI, erschienen am 15. Oktober 1911). (*Selagin. sp.*).
Publ.: Preprint 15 Oct 1911, p. 241-272; later published in Hedwigia 51: 241-272. 25 Jan 1912. *Copy preprint*: B (inf. P. Hiepko). – See ICBN Art. 30.2, example.

Hiesey, William McKinley [until 5 Feb 1935: Heusi, W.M.] (1903-x), American experimental systematist and plant physiologist; with H. M. Hall, J. Clausen and D. D. Keck founder of the California school of multidisplinary plant systematics; employed by the Carnegie Institution, Stanford, in various capacities from 1926-1969; currently emeritus staff member. (*Hiesey*).

HERBARIUM and TYPES: CI and DS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 169 (sub Heusi).
Anon., Amer. men of science ed. 9. 2: 508. 1955; Who's who in science ed. 1. 798. 1968; Who's who in the West ed. 13, p. 302. 1973.
Ewan, J. et al., Short hist. bot. U.S. 112. 1969.
Hiesey, W. M., Private communication to authors 16 Dec 1977.

Higley, William Kerr (1860-1908), American botanist, studied at the University of Michigan, later connected with the Chicago Academy of Sciences and editor of *Birds* and *Nature*. (*Higl.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 173; BL 1: 175, 301; CSP 10: 227, 12: 333, 15: 835; Rehder 5: 392.
Anon., Trans. Wisconsin Acad. Sci. 16(2): 1340. 1910.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 567. 1963.

2756. *The flora of Cook County*, Illinois, and a part of Lake County, Indiana. Chicago 1891. Oct. (size). (*Fl. Cook Co.*).
Co-author: Charles Salisbury Raddin (1863-1930).
Publ.: Jun-Dec 1891 (p. v: 1 Jun 1891), map. p. [i]-xxiii, [1]-168. *Copies*: NY, US. – Bull. Chicago Acad. Sci. 2(1). 1891.

Hiitonen, Henrik Ilmari Augustus (up till 1932 Hidén) (1898-x), Finnish botanist. (*Hiit.*).

HERBARIUM and TYPES: H.

BIBLIOGRAPHY and BIOGRAPHY: BFM 1435; Bl 2: 59, 69, 70, 84, 85, 668; Bossert p. 175; Hortus 3: 1195; Kew 2: 680; NAF ser. 2. 5: 242; Roon p. 52.
Collander, R., Hist. bot. Finland 16, 20, 91. 1965.
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Hämet-Ahti, Luonnon Tutkija 77: 117. 1973 (75th birthday, 28 Jul 1973, portr.).
Lähdevja, Luonnon Tutkija 72: 164-165. 1968 (id.).
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2757. *Suomen kasvio* 437 kuvaryhmää (1695 kuvaa). Vanamon kirjoja n:o 32. Helsingissä [Helsinki] (Kustannusosakeyhtiö Otava) s.d. [1933]. Oct. (*Suom. kasvio*).
Publ.: 30 Nov 1933 (stock list publishing house; inf. Isoviita), p. [1]-771, map. *Copies*: G, H. – "Flora of Finland."
Ref.: Linkola, K., Luonnon Ystävä 38: 67-70. 1934.
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2758. *Suomen putkilokasvit* luettelo suomessa luonnonvaraisina, villiytyneimä ja yleisimmin viljettyinä kasavavista putkilokasveista. Helsingissä [Helsinki] (Kustannusosakeyhtiö otava) [1934]. Oct. (*Suom. putkilok.*).
Publ.: Sep 1934 (personal comm. by author to P. Isoviita, 20 Dec 1977; first review 5 Oct 1934), p. [1]-160. *Copies*: FAS, H. – *Enumeratio plantarum vascularium Fennoscandiae orientalis* (H's written subtitle in copy FAS), actually; "*Vascular plants of Finland*, list of the indigenous, naturalized, and most commonly cultivated vascular plants in Finland."

Hildebrand, Friedrich Hermann Gustav (1835-1915), German botanist; studied with Caspary and A. Braun, Dr. phil. Berlin 1858; to Bonn 1859 as Privatdocent; to Freiburg im Breisgau (1868-1907) as successor to Julius Sachs. (*Hildebr.*).

HERBARIUM and TYPES: Unknown. Specimens of cultivated *Oxalis* at K.

NOTE: Not to be confused with the traveller and collector in Africa Johann Maria Hildebrandt (1847-1881), see IH 2: 275. Friedrich Hildebrand's name is often erroneously spelled Hildebrandt.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 173; BJI 1: 27, 2: 76; BM 2: 843; Bossert p. 175; CSP 3: 349, 7: 978-980, 10: 228, 12: 333, 15: 838; De Toni 1: lxiv; Frank 3(Anh.): 44; Hortus 3: 1195; IH 2: 275; Jackson p. 559 [index]; Kew 2: 680-681; Langman p. 369; LS 12289-12291; Moebius p. 358, 359, 364; NAF 2(1): 71; PR 4053-4057, 10577; Rehder 5: 392; SK 5: cclxxxv; Stevenson p. 1245; Tucker 1: 340; Zander ed. 10, p. 670.

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Bergdolt, E., Karl von Goebel ed. 2. 129. 1941.
Correns, Ber. deut. bot. Ges. 34(4): (28)-(49). 1917 (portr., bibl.).
Ewan, J. et al., Short hist. bot. U.S. 62. 1969.
Oltmann, Akad. Nachr. Univ. Freiburg ser. 2. 19, sem. no. 9, 8 Feb 1916 (fide Correns).
Wittrock, V. B., Acta Horti Berg. 3(2): 129-130, *pl. 28.* 1903 (portr.).
Wulff, E. V., Intr. hist. pl. geogr. 104, 114, 162. 1943.

EPONYMY: *Hildebrandiella* Naumov 1917. *Note*: *Hildebrandtia* Vatke ex A. Braun (1876) and *Hildebrandtiella* K.A.F.W. Mueller Hal. (1876) are dedicated to Johann Maria Hildebrandt (1847-1881), German traveller and collector in East Africa.

2759. *De caulibus begoniacearum*, imprimis iis, qui vasorum fasciculis in parenchymate medullari dispersis sunt praediti. Dissertatio inauguralis quam consensu et auctoritate amplissimi philosophorum ordinis in alma litterarum universitate friderica guilelma ad summos in philosophia honores rite capessendos die xxx m. julii a. mdccclviii. h.l.q.s. publice defendet auctor Frider. Armin. Gust. Hildebrand pomeranus . . . Berolini [Berlin] (typis expressit Gustavus Schade) s.d. [1858]. Oct. (*Caul. begoniac.*).
Publ.: 30 Jul 1858, p. [1]-43. *Copy*: B (information P. Hiepko).

2760. *Anatomische Untersuchungen über die Stämme der Begoniaceen* . . . Berlin (Verlag von August Hirschwald, . . .) 1859. Qu. (*Anat. Unters. Begoniac.*).
Publ.: 1859, p. [1]-34, *pl. 1-8* (uncol. liths. by author). *Copy*: U. – Preceded by H's dissertation *De caulibus Begoniacearum.* Berlin 1858 (TL-2/2759).

2761. *Flora von Bonn* . . . Bonn (Verlag von Max Cohen & Sohn) 1866. Oct. (*Fl. Bonn*).
Publ.: 1866 (Flora 28 Mai 1867; BSbF post 17 Mai 1867), p. [i]-xxxi, [1]-208. *Copy*: NY. – Reprinted (p.p.) from Verh. naturh. Ver. preuss. Rheinland Westphalen 23: [i]-xviii, [1]-154. 1866. *Copies*: L, M, U.

2762. *Ueber die Geschlechtsverhältnisse bei den Compositen* . . . mit sechs Tafeln. Eingegangen bei der Akademie im December 1868. Dresden (Druck von E. Blochmann und Sohn) 1869. Qu. (*Geschl.-Verh. Compos.*).
Publ.: 1869, p. [1]-104, *pl. 1-6. Copy*: G. – Preprinted from Nova Acta Acad. Leopoldina 35(4). 1870 (see also Z. ges. Naturw., Halle, 2: 349. 1870).
Ref.: H.S., Bot. Zeit. 28: 486-487. 29 Jul 1870.

2763. *Die Lebensverhältnisse der Oxalisarten,* . . . mit 5 lithographischen Tafeln. Jena (Verlag von Gustav Fischer) 1884. Qu. (*Lebensverh. Oxalis.*).
Publ.: Mai 1884 (p. [i]: Apr 1884; Bot. Zeit. 30 Mai 1884; Nat. Nov. Jun(2) 1884), p. [i*], [i]-iv, [1]-140, *pl. 1-5* (uncol. liths. with text). *Copy*: USDA.

2764. *Die Gattung Cyclamen L.* eine systematische und biologische Monographie . . . mit 6 lithogr. Tafeln. Jena (Verlag von Gustav Fischer) 1898. Oct. (*Cyclamen*).
Publ.: Feb 1898 (Nat. Nov. Feb(2) 1898; Bot. Zeit. "soeben" 16 Mar 1898, also 16 Apr 1898), p. [i-iii], [1]-190, *pl. 1-6* (uncol. liths. author). *Copies*: M, MICH, MO, NY, USDA.
Ref.: Solms, Bot. Zeit. 56(2): 166. 1898.
Goebel, K. von, Flora 85: 153-154. 23 Apr 1898.
Engler, A., Bot. Jahrb. 26(Lit.): 14. 1899.

2765. *Über Ähnlichkeiten im Pflanzenreich* eine morphologisch-biologische Betrachtung. Leipzig (Wilhelm Engelman) 1902. Oct. (*Ähnlichk. Pflanzenr.*).
Publ.: Jun 1902 (Nat. Nov. Jul(1) 1902), p. [i]-iv, [1]-66. *Copy*: HBG.

Hildt, Johann Adolph (x-1805), German botanist. (*Hildt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 843; PR 4060 (ed. 1: 4460); Rehder 5: 392; Tucker 1: 340.

2766. *Beschreibung in- und ausländischer Holzarten* zur technologischen Kenntniss und Waarenkunde Charakteristik und Synonimik aller Kunst- Farbe- und Apothekerhölzer . . . Weimar (im Verlage des Industrie-Comtoirs) 1798-1799, 2 vols. Oct. (*Beschr. Holzart.*).

1: 1798 (p. viii: 1 Mar 1798), p. [i]-xii, [1]-164.
2: 1799 (p. v: Apr 1799), p. [i]-viii, [1]-251, [252, err.]. *Copy*: MO.

Hill, [Sir] **Arthur William** (1875-1941), British botanist; demonstrator (1899), later lecturer (1904) at Cambridge; D.Sc. Cantab. 1919; D.Sc. Adelaide 1927; assistant director of the Royal Botanic Gardens, Kew 1907-1922; director 1922-1941; died in a riding accident. (*A. W. Hill*).

HERBARIUM and TYPES: K. – Diaries of travel also at K.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 652; Barnhart 2: 174; BJI 2: 76; BL 1: 54, 63, 301, 2: 190, 668; Blunt p. 183, 187; BM 6: 464; Bossert p. 175; CSP 15: 843, 18: 708; Desmond p. 307; DNB 1941-50: 390-391; Hortus 3: 1195; IH 2: 275; Kew 2: 682-685; Langman p. 370; Lenley p. 223; LS suppl. 11569; Moebius p. 146, 182; MW p. 178, suppl. p. 98; NI 2341, 1433; NW p. 48; Plesch p. 261; TL-2/1290; Zander ed. 10, p. 670.
Allan, Trans. R. Soc. New Zealand 72(1): xxxvi-xxxviii. 1942 (portr.).
Anon., Bull. misc. Inf. Kew 1941: 236.
Bergdolt, A. W., Karl von Goebel ed. 2. 139, 1941 (on possible sale of herb. Lamarck).
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Burkill, I. H., Proc. Linn. Soc. London 154: 280-285. 1943.
D.P., J. Kew Guild 3: 471. 1919 (portr.).
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Gentianeae, 4, 1(6): 1056-1121. Feb 1909 (with D. Prain).
Phytolaccaceae, 5, 1(3): 454-459. 16 Jan 1912.
Podostemaceae, 5, 1(3): 482-484. 16 Jan 1912.
Santalaceae, 5, 2(1): 135-192. Apr 1915; 2(2): 193-212. Oct 1915.
Suppl. 5, 2: [i]-vi, [1]-46. 28 Mar 1933.
(2) Contributed to Oliver, *Flora of tropical Africa* (as editor): vol. 10(1), 21 Mai 1937 (Gramineae by C. E. Hubbard).
(3) Edited *Hand-list of Herbaceous plants . . . Kew*, ed. 3, 1925.
(4) Edited Nash, J., *Poisonous plants . . .* 1927.
(5) Edited *Index kewensis*, Suppl. *6-10*; *Hooker's Icones plantarum* 1930-1941; *Botanical Magazine* 1934-1941; *Bull. misc. Inf. Kew* (q.q., as Director of Kew).

NOTE: A modest, but historically interesting paper by Hill is: *The flora of the Somme battlefield*, Bull. misc. Inf. Kew 1917: 297-300, an interim report on the effects of World War I on topography and vegetation.

Hill, Ellsworth Jerome (1833-1917), American botanist; presbyterian clergyman in Illinois (1863-1869); high school teacher at Kankakee, Ill. (1870-1874); at Chicago 1874-1888; from then on working almost entirely as a botanist. (*E. J. Hill*).

HERBARIUM and TYPES: ILL (16.000); other material at DPU, F, ISC, NY, WTO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 174; BL 1: 188, 301; CSP 10: 231, 12: 334; Hortus 3: 1195 ("E. J. Hill"); IH 2: 275; Pennell p. 609; Rehder 5: 393; Zander ed. 10, p. 670.
Anon., Torreya 17(2): 32. 1917.

Chase, A., Rhodora 19: 61-69. 1917 (portr., bibl.).
Coulter ["J.M.C."], Bot. Gaz. 64: 165-166. 1917 (portr.).
Hill and Chase, Bryologist 20(3): 39-41. 1917 (bibl.).
House, N.Y. State Mus. Bull. 328: 24. 1942.
Rickett, H. W., Index Bull. Torrey bot. Club 47. 1955.
Sargent, C. S., Silva N. Amer. 13: 99-100. 1902.

COMPOSITE WORKS: Flora, *in* S. A. Green, *The natural history and the topography of Groton, Massachusetts* 1: 1-26. 1912 (fide BL 1: 188).

HANDWRITING: Rhodora 19: below portr. opp. p. 61.

Hill, John (1716-1775), British apothecary and naturalist; author of many compilations dealing with horticulture, botany or medicine. (*J. Hill*).

HERBARIUM and TYPES: A collection of British plants by Hill is in the British Herbarium of BM; some mss are at the Royal Society.

NAME: Hill obtained the order of Vasa in 1774. It is on this ground that Hill assumed the prefix "Sir". According to the Gentleman's Magazine 1774: 282 "he was received at Court with the proper ensigns as Knight", which "affords evidence that the King – a stickler for etiquette – gave the necessary permission" (Druce 1926).

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 20, 25, 311; Backer p. 267; Barnhart 2: 175; BB p. 148; Blunt p. 102, 152-153; BM 2: 844-845; Bossert p. 175; Desmond p. 308; DNB 26: 397-401 (bibl.); Dryander 3: 282-283; Frank 3(Anh.): 44; GR p. 372, cat. p. 65; henrey 1: 252, 2: 59, 90-92, 94-95, 98, 99, 100, 102, 103, 105, 108-109, 242, 243-245, 361, 469, 635, 643, 644, 3: 53-60, nos. 796-844 (important!); Hortus 3: 1195; HU 551, 557, 559, 598, 609, 679; Jackson p. 559 [index]; Kew 2: 686; Krempelh. 2: 29-31; Langman p. 370; LS 12298-12299; Moebius p. 43, 324, 345, 451; MW p. 178; NAF 28B(2): 334, ser. 2. 5: 242; NI 877-886; Plesch p. 261-265; PR 4061-4077 (ed. 1: 4461-4488); Rehder 5: 393; RS p. 87; SO 8c, 437a, 637a, 637d, 638a, 1870-74; TL-2/1647; Tucker 1: 341; Zander ed. 10, p. 670.

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EPONYMY: *Hillia* Boehmer (1760); *Hillia* N. J. Jacquin (1760). *Note*: *Hilleria* Vellozo 1825 is dedicated to Matthaeus Hiller (1646-1725), German botanist; *Hillistrobus* M. E. J. Chandler (1966) is dedicated to A. J. Hill, American engineering scientist.

2767. *A general natural history*: or, new and accurate descriptions of the animals, vegetables, and minerals of the different parts of the world; with their virtues, and uses as far as hitherto certainly known, in medicine and mechanics: illustrated by a general review of the knowledge of the ancients, and the improvements and discoveries of later ages in these studies. Including the history of the materia medica, pictoria, and tinctoria of the present and earlier ages. As also observations on the neglected properties of many valuable substances known at present; and attempts to discover the lost medicines, &c. of former ages, in a series of critical enquiries into the materia medica of the ancient Greeks. With a great number of figures, elegantly engraved. By John Hill, M.D. . . . London (printed for Thomas Osborne, . . .) [1748-] 1751 [-1752], 3 vols. Qu. (in twos). (*Gener. nat. hist.*).

Vol. 2: [h.t.:] "A history of plants", 1751, p. [i]-xxvi, 1-642, [1-7, ind.], *pl. 1-16* (uncol. copp.). *Copies*: LC, MICH, NY, PH(2), USDA. – See Henrey 809 for further copies; see Collins (Sotheby 345) for an analytical collation. (See also Junk. Catal. 206, no. 139. 1977). (*Hist. pl.*).
Second ed.: 1773. – See Kuntze (1891), Proskauer (1958) and Henrey no. 810. Only copies known at the Bibliothèque nationale, Paris and at the Library Company of Philadelphia. This edition differs in some respects from the original although the greater part of the book seems to consist of the old 1751 sheets, re-issued for the occasion. Proskauer and Kuntze enumerate the differences. The book as a whole must be regarded as an independent publication and has to be taken into account for purposes of botanical nomenclature (as far as the date is concerned). The copy at Philadelphia (analyzed by James Mears) is indeed almost identical with the 1751 issue. The copy lacks *pl. 10* but has an extra leaf p. 643-644 and an additional plate, on *Dionaea*. *Collation*: p. [i]-xxvi, [1]-644, [1-7, ind.], *pl. 1-9, 11-16, 1* unnumbered (*Dionaea*).
Ref.: Henrey 809-810; SA 2: 567; SO 345.
Dandy, J. E., Index gen. names vasc. pl. 14. 1967.

2768. *The useful family herbal*. Or, an account of all those English plants, which are remarkable for their virtues: and of the drugs, which are produced by vegetables of other countries. With their descriptions, and their uses, as proved by experience. Illustrated with figures of the most useful English plants. With an introduction containing . . . The whole intended for the use of families, and for the instructions of those who are desirous of relieving the distressed sick. London (W. Johnston . . . and W. Owen) 1754. Oct (*Useful fam. herbal.*).

Orig. ed.: 1754, p. [i]-vi, [i]-liv, [1]-404, *pl. 1-8* (uncol. copp.). *Copy*: NY. – Published anonymously.
Second ed. (reissue): 1755, p. [i]-vi, [i]-liv, [1]-404, *pl. 1-8* (id.). *Copies*: MO, USDA. – "The

useful family herbal . . . distressed sick. By John Hill, M.D. . . . The second edition." London (id.) 1755. Oct.

Third ed. (reissue): 1770, identical with 1755 reissue, n.v., see Henry no. 825.

New edition; 1789, p. [i]-xv, [xvi, binder], [17]-400, *pl. 1-8* (id.). *Copies*: NY, USDA. – "The useful family-herbal . . . a new edition, corrected." London (printed for A. Miller, W. Law, and R. Cater) York (Wilson and Spence).

Bungay edition (1): "*The family herbal* . . . embellished with fifty-four coloured plates." Bungay (printed and published by C. Brightly, and T. Kinnersley), s.d., possibly 1810 (fide Henrey 827), p. [i]-viii, [i]-xl, *pl. 1-2*, [1]-376, *pl. 1-53* (hand-col. copp.). *Copy*: HH.

Bungay edition (2): "*The family herbal* . . . embellished with fifty-four coloured plates." Bungay (printed and published by C. Brightly and Co. published also by T. Kinnersley) 1812. Oct. (in fours), p. [i]-xl, [1]-376, *pl. 1-35, 37-39, 42-43, 47-49*, plus *6* unnumbered pl. *Copy*: NY.

Re-issue of Bungay ed.: s.d. (between 1823-1843), p. [i]-xl, [1]-376, *pl. 1, two* unnumbered, *5-50, 55*. *Copy*: NY. – "*The family herbal* . . . embellished with upwards of two hundred coloured plants." London (George Virtue), Bungay (printed by J. R. and C. Childs). s.d.

Other issue of Bungay edition: Bungay 1822 (Henrey 829) (n.v.)

Hill describes a number of species under their English names and adds Latin names "under which they are found in every dictionary". These Latin names are sometimes unitary, sometimes binomials, trinomials, or polynomials. They must be regarded as not validly published. Binary nomenclature is not consistently applied (ICBN Art. 23); the unitary designations of species can not be taken as generic names. – The number of issues of *The family herbal* is possibly greater than listed here. Our information is incomplete. However, in view of the relatively modest importance of these later issues we did not pursue our searches beyond what is reported above. See also Henrey.

Ref.: DA 1967, p. 7; Henrey 824-831; HU 551.

Willmott, A. J., Bull. misc. Inf. Kew 1935: 90 (proposal to treat names in the Fam. herb. as not validly publ.; proposal rejected at Amsterdam 1935).

2769. *The British herbal*: an history of plants and trees, natives of Britain, cultivated for use, or raised for beauty. London (Printed for T. Osborne and J. Shipton . . .) 1756[-1757]. Fol. (*Brit. herb.*).

fasc.	pages	*plates*	dates	fasc.	pages	*plates*	dates
1	1-12	*1*	24 Jan 1756	27	265-272	*38, 39*	Jul 1756
	t.-p., ded.			28	273-284	*40*	3 Aug 1756
2	13-20	*2, 3*	Jan 1756	29	285-292	*41*	9 Aug 1756
3	21-32	*4*	7 Feb 1756	30	293-308	*42*	16 Aug 1756
4	33-40	*5, 6*	14 Feb 1756	31	309-316	*43, 44*	23 Aug 1756
5	41-52	*7*	23 Feb 1756	32	317-328	*45*	Aug 1756
6	53-64	*8*	Mar 1756	33	329-336	*46, 47*	4 Sep 1756
7	65-72	*9, 10*	Mar 1756	34	337-348	*48*	Sep 1756
8	73-84	*11*	Mar 1756	35	349-356	*49, 50*	25 Sep 1756
9	85-92	*12*	20 Mar 1756	36	357-368	*51*	30 Sep 1756
10	93-104	*13*	31 Mar 1756	37	369-380	*52*	Oct 1756
11	105-112	*14, 15*	Apr 1756	38	381-388	*53, 54*	13 Oct 1756
12	113-124	*16*	12 Apr 1756	39	389-400	*55*	Oct 1756
13	125-132	*17, 18*	Apr 1756	40	401-408	*56, 57*	28 Oct 1756
14	133-144	*19*	6 Mai 1756	41	409-420	*58*	Nov 1756
15	145-152	*20, 21*	Mai 1756	42	421-428	*59, 60*	Nov 1756
16	153-164	*22*	15 Mai 1756	43	429-440	*61*	11 Nov 1756
17	165-172	*23, 24*	Mai 1756	44	441-448	*62, 63*	Nov 1756
18	173-184	*25*	22 Mai 1756	45	449-460	*64*	Nov 1756
19	185-192	*26, 27*	29 Mai 1756	46	461-468	*65, 66*	Dec 1756
20	193-204	*28*	Jun 1756	47	469-480	*67*	Dec 1756
21	205-212	*29, 30*	12 Jun 1756	48	481-488	*68, 69*	20 Dec 1756
22	213-224	*31*	Jun 1756	49	489-500	*70*	8 Jan 1757
23	225-232	*32, 33*	Jun 1756	50	501-512	*71*	Jan 1757

fasc.	pages	*plates*	dates	fasc.	pages	*plates*	dates
24	233-244	*34*	3 Jul 1756	51	513-524	*72, 73*	Jan 1757
25	245-252	*35, 36*	13 Jul 1756	52	525-535	*74, 75*	28 Jan 1757
26	253-264	*37*	Jul 1756				

Upon completion the publishers started the issue of a "Royal impression of that elegant and useful work" (Henrey no. 799) on 29 Jan 1757.

Pagination and pl.: front., p. [i-iv], [1]-533, [534-535, index], *pl. 1-75*, handcoloured [or plain in other copies] copper engr. *Copies*: MICH, MO (col. pl.), U (plain), US (plain); IDC 5225.

The Linnaean system of binary nomenclature for species was not consistently followed (ICBN Art. 23). The book contains a number of pseudo-binomials. However, the generic names are designated as such and must be accepted for botanical nomenclature; for an extensive bibliographical study see HU; for an appraisal of the botanical and nomenclatural importance see Dandy (DA) and Stearn (1967).

Ref.: DA 1967, p. 14; DU 128; Henrey 798-799; HU 557; RS p. 87; Sotheby 346.

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2770. *Eden*: or, a complete body of gardening. Containing plain and familiar directions for raising the several useful products of a garden, fruits, roots and herbage; from the practice of the most successful gardeners, and the result of a long experience. Together with the culture of all kinds of flowers, according to the methods of the English, French, and Dutch florists. And the knowledge of curious plants, after the system of Linnaeus. With figures and descriptions of the flowers and plants proper for a garden. Including the care and culture of the pleasure-garden. The business of the seminary for every week in the year. Catalogues and accurate descriptions of the fruits as they come into season; and new and practical directions for the management of fruit-trees. With the fast methods of culture for the several articles of the kitchen-garden: and the compleat management of the ground for raising them, in the natural and artificial manner. Compiled and digested from the papers of the late celebrated Mr. Hale, by the authors of the compleat body of husbandry. And comprehending the art of constructing a garden for use and pleasure; the best methods of keeping it in order; and the most perfect accounts of its several products. London (T. Osborne, T. Trye, S. Crowder and Co. and H. Woodgate) [1756-] 1757. Fol. (*Eden*).

Publ.: 28 Aug 1756-8 Nov 1757, frontisp., [i]-iv, [i], ii, [iii-iv], [1]-714, *pl. 1-60*. *Copies*: MO (*60 pl.*); IDC 7353.

Issued in weekly parts (so indicated), between August 1765 (last week) and October 1757. According to the preface the book was issued so as to "accomodate the Publication to the season, that every week shall direct what is that week to be done."

The book was "compiled and digested from the papers of the late celebrated Mr. Hale by the authors of the *Compleat body of husbandry*" which here means evidently John Hill, who signed the dedication. *Eden* is a companion volume to *A complete body of husbandry*, London 1756, Fol., issued in the same way in fascicles. "Thomas Hale" is possibly "a convenient invention" (HU 557). "The true authorship of these two books is now unlikely to be finally determined, but as the books remain to us that does not particularly matter. Hill no doubt was connected in some way with their preparation or claimed to be so, to the confusion of his contemporaries and his latter critics" (Fussell).

"*Enlarged edition*": 1773, London (for the author), p. [ii], iv, ii, 714, [1], 714-716; portr. of author, front., *60 + 20 pl.* (n.v., collation Henrey no. 805). The 20 extra plates (numbered *1-20* and *61-80*) are from Hill's *Veg. syst.* 12(1767) and 13(1768); also issued in Hill's *Twenty five new plants* (1773).

Ref.: GF p. 59; Henrey nos. 776, 805; HU 599 (see also 557).
Fussell, More old English farming books . . . 1731 to 1793, p. 37-38. 1948.

2771. *Exotic botany*, illustrated in thirty-five figures of curious and elegant plants: explaining the sexual system, . . . London (the author) 1759. Fol. (*Exot. bot.*).

Orig. ed.: Feb-Sep 1759 (p. iv: 18 Jan 1758; NZgS 4 Oct 1759), p. [i]-iv, *pl. 1-35* with text, [1-2, ind.]. *Copies*: BM (see collation Henrey no. 806), NY. – Original drawings at Alnwick Castle (fide Desmond p. 308).
Ed. 2: 1772 (p. iv: 25 Mai 1772), p. [i]-iv, [1], 1-35, [36, ind.], [1, binder], *pl. 1-35* (uncol. copper engr.). *Copies*: M, MICH, USDA. – "*Exotic botany* illustrated, thirty-five figures of elegant Chinese and American Shrubs and Plants, many of them new. Explaining the sexual system; and tending to give some new lights into the vegetable philosophy. The second edition. By John Hill, M.D. member of the imperial academy, &c. &c." London (printed for the author . . .) 1772. Fol.

Ref.: Henrey 806-807; RS p. 87; Sotheby 347.
Kuntze, O., Rev. gen. 1: cxxx. 1891.

2772. *The vegetable system.* Or, a series of experiments, and observations tending to explain the internal structure, and the life of plants; their growth, and propagation . . . Including a new anatomy of plants . . . London (printed at the expence of the author . . .) 1759. Fol.
[vols. 2-26]: *The vegetable system.* Or, the internal structure and the life of plants; their parts, and nourishment, explained; their classes, orders, genera, and species, ascertained, and described; in a method altogether new: comprehending an artificial index and a natural system. With figures of all the plants; designed and engraved by the author. The whole from nature only. London (printed for the author) 1761-1775, vols. 2-26. Fol. (*Veg. syst.*).
Publ.: A complete copy of the editio princeps is at BM (Bloomsbury) (King's Library), described by Henrey. All other copies known have at least two volumes labelled "the second edition: corrected by the author; and with all the plates retouched and improved and usually, in addition, several volumes not so labelled but with later t.p. dates." The collations below are based on a copy at USDA except for those of vols. 1-2 of the editio princeps. In view of the very detailed and informative description by Henrey we refrain from repeating all the information on variations etc. encountered in other copies consulted by us.

Vol. 1, ed. 1: Aug 1759, p. [i]-iv, [1]-150, *pl. 1-21* (here and below the plates are hand-coloured copper engravings by the author).
Reissue: Oct-Dec 1761, as above. *Copy*: WAG.
ed. 2: 1770 (RHS, 1773 USDA), portr., p. [i]-iv, [1]-150, *pl. 1-21*, [1-2, ind.].
Vol. 2, part 1, ed. 1: Oct 1761, p. [i-vi], [1]-121**, [1-5], *pl. 1-17, 17*[bis]-*26, 26*[bis]-*36, 36*[bis]-*87*.
ed. 2: (with t.p.'s dated 1771 (USDA), 1775 or [without "second edition"] 1773) 1771, reissued 1773, 1775, p. [i-iii], [1]-51, 51*, 51**, 51***, 53, 64, 65, 58, 57-60, 60**, 61**, 61-70, 70**, 71**, 71-120, 121**, [i-iv, ind.], *pl.* as in ed. 1. – "part 1" often printed but deleted by hand; not present on USDA copy.
Vol. 3, ed. 1: 1761, p. [i], 121-172, *pl. 87*[bis]-*137*.
ed. 2 [not so designated]: 1772, p. [i], 121-172, [i-ii, ind.], *pl.* id. *Copies*: USDA.
Vol. 4, ed. 1: 1762, p. [i], 1-49, [1-3], *pl. 1-46*.
ed. 2[idem]: 1772, p. [i], 1-49, [1-2], *pl. 1-46*.
Vol. 5, ed. 1: 1763, p. [1]-68, [1-2], *pl. 1-53*.
ed. 2 [idem]: 1772, p. [1]-36, 37-40 ["29-32"], 41-68, [1-2], *pl. 1-53*.
Vol. 6, ed. 1: Jan-Aug 1764, p. [i], 1-64, [1-2], *pl. 1-62*.
ed. 2 [idem]: 1772, p. [i], 1-64, [1-2], *pl. 1-62*.
Vol. 7, ed. 1: 1764, p. [i], 1-63, [1-3], *pl. 1-60*.
ed. 2 [idem]: 1772, p. [i], 1-63, [1-3], *pl. 1-60*.
Vol. 8, ed. 1: 1765, p. [i], [1]-60, [1-2], *pl. 1-15, 15*[bis]-*30, 32, 32*[bis]-*52, 54-60*.
ed. 2[idem]: 1773, p. [i], [1]-60, [1-2], *pl. 1-15*, 15-30, 32, 32*[bis]-*52, 54-56, 57*["*58*"], *59-60*.
Vol. 9, ed. 1: 1765, p. [i], [1]-60, [1-2], *pl. 1-22, 23/24* comb., *25-32, 34-35, 35*[bis]-*60*.
ed. 2 [idem]: 1773, p. [i], [1]-60, [1-2], *pl. 1-22, 23/24* comb., *25-60*.

Vol. 10, ed. 1: 1765, p. [i-iii], 1-44, 44[bis], [blank], 45-59, [1-2], *pl. 1-44, 44*[bis]-*59*.
ed. 2 [idem]: 1772, p. [i-iii], 1-43, 43*, 43**, 43***, 44-59, [1-2], *pl. 1-44, 44*[bis]-*59*.
Vol. 11, ed. 1: 1767, p. [i-iv], [1]-60, [1-2], *pl. 1-60*.
ed. 2 [idem]: 1773, p. [i-iv], [1]-60, [1-2], *pl. 1-60*.
Vol. 12, ed. 1: 1767, p. [i], [1]-64, [1-3], *pl. 1-35, 35*[bis]-*60, 1-10*.
ed. 2: 1773, p. [i], [1]-36, 35*, 36*, 37*, 38*, 37-64, [1-3], *pl. 1-60, 1-10*.
Both eds.: "*With an appendix, containing the figures and history of ten new discovered plants*". (p. 61-64 and *pl. 1-10*, in some copies of ed. 2 numbered 61-70).
Vol. 13, ed. 1: 1768, p. [i], [1]-64, [1-3], *pl. 1-61, 11-20*.
ed. 2 [idem]: 1773, p. [i], [1]-64, [1-3], *pl. 1-61, 11-20*.
Both eds.: "With an appendix . . ." (p. 62-64, *pl. 11-20*, in some copies of 1773 ed. numbered *71-80*).
Vol. 14, ed. 1: Jul 1769, p. [i], [1]-60, [1-3], *pl. 1-60*.
ed. 2[idem]: 1773, p. [i], [1]-51, 51*, 52-60, [1-3], *pl. 1-60*.
Vol. 15, ed. 1: Jul-Dec 1769, p. [i], [1]-61, [1-3], *pl. 1-61*.
ed. 2 [idem]: 1773, p. [i], [1]-61, [1-3], *pl. 1-61* (31 as "30").
Vol. 16, ed 1: Aug 1770, p. [i], [1]-57, [1-3], *pl. 1-61*.
ed. 2 [idem]: 1773, p. [i], [1]-30, 30*, 30**, 31-48, 48*, 49-57, [1-3], *pl. 1-61* (40 as "39", 56 as "55").
(p. 56-57 and *pl. 57-61* constitute an appendix. In some copies of the 1773 ed. these plates are numbered *21-25*).
Vol. 17, ed. 1: 1770 (publ. Apr 1771?), p. [i], [1]-60, [1-2], *pl. 1-60*.
ed. 2 [idem]: 1773, p. [i], [1]-60, *pl. 1-60*, [1-2].
Vol. 18, ed 1: Late 1771, p. [i], [1]-60, [1-2], *pl. 1-60*.
ed. 2 [idem]: 1773, p. [i], [1]-60. [1-2], *pl. 1-60*.
Vol. 19, ed 1: 1771(?), p. [i], [1]-60, [1-2], *pl. 1-60*.
ed. 2 [idem]: 1773, p. [i], [1]-60, [1-2], *pl. 1-60*.
Vol. 20, ed 1: 1772, p. [i], [1]-60, [1-2], *pl. 1-60*.
ed. 2 [idem]: 1773, p. [i], [1]-60, [1-2], *pl. 1-60*.
Vol. 21 ed. 1: 1772, p. [i], [1]-60, [1-2], *pl. 1-60*.
ed. 2: 1775 (so labelled)
Vol. 22, ed. 1: 1773, p. [i], [1]-21, 22/23, 24-61, [1-2], *pl. 1-21, 22/23* (comb.), *24-61*.
ed. 2: 1786.
Vol. 23, ed 1: 1773 (late), p. [i], [1]-60, [1-2], *pl. 1-60*.
ed. 2: 1786.
Vol. 24 (only one edition): 1774, p. [i], [1]-60, [1-2], *pl. 1-60*.
Vol. 25 (id.): 1774, p. [i], [1]-60, [1-2], *pl. 1-60*.
Vol. 26 (id.): late 1775, p. [i], [1]-60, [1-2], [i]-xxix, *pl. 1-60*.
". . . and a general index to all the volumes."

Imprints: all volumes *printed 1759-1770* (except vol. 17, ed. 1): "printed at the expence of the author", all those *printed after 1771*, incl. *vols. 17* and *18* of ed. 1: "printed for the author in St. James's Street."
Vols. 22-23, ed. 2, 1786: "London, printed for the honourable Lady Hill, and to be had at her house in Curzon Street, May fair, and no where else."
Appendices: The descriptions and plates published in the appendices to vols. 12, 13, and 16, with plates *1-25*, were also published separately as "*Twenty-five new plants*, rais'd in the Royal garden at Kew" London 1773.
Octavo edition: London (author), 6 vols. 1761-1764, see Henrey no. 833 who describes the set at K. We have seen no other copy.
"*A new edition*. In 26 Volumes." London (Printed for the author, and sold by T. Baldwin; R. Jones; J. Ridley; and L. Davis.) 1824. *Copy*: MO.
"*The complete vegetable system*; or the internal structure . . ." [title as in vols. 2-26 of ed. princ. except for minor differences in punctuation]. This is almost certainly a reissue of the original sheets with new t.p.'s.

1: [i]-iv, [1]-150, *pl. 1-21*, [1-2, index].
2: [i, iii], [1]-51, 51**, 52, 52**-60, 60**, 60**[bis]-70, 70**, 71**, 71-121**, *pl. 1-17, 17*[bis]-*26, 26*[bis]-*36, 36*[bis]-*87*, [1-5, index].
3: [i], 121-172, *pl. 87*[bis]-*137*, [1-2, index].

4: [i], 1-49, *pl. 1-46*, [1-2, index].
5: [i], [1]-68, *pl. 1-53*, [1-2, index], p. 37 as "29", 39 as "31".
6: [i], 1-64, *pl. 1-62*, [1-2, index].
7: [i], 1-63, [64-66, index], *pl. 1-60*.
8: [i], [1]-60, *pl. 1-52, 54-60*, [1-2, index].
9: [i], [1]-60, *pl. 1-22, 23/24, 25-60*, [1-2, index], (no. 35[bis]).
10: [i], [1]-43, 43*, 43**, 43***, 44-59, *pl. 1-44, 44*[bis], *45-59*, [1-2, index].
11: [i-iv], 1-60, *pl. 1-60*, [1-2, index].
12: [i], [1]-38, 35*, 36*, 37*, 38*, 39-64, *pl. 1-35, 35*[bis]-*70*, [1-3, index].
13: [i], [1]-64, [65-66], *pl. 1-60, 11(71)-20(80)*.
14: [i], [1]-51, 51*, 52-60, [61-63], *pl. 1-60*.
15: [i], [1]-61, [62-64], *pl. 1-61*.
16: [i], [1]-30, 30*, 31-48, 48*, 49-57, [59-60], *pl. 1-56, 57(21)-61(25)*.
17: [i], [1]-60, *pl. 1-60*, [1-2, index].
18: [i], [1]-60, *pl. 1-60*, [1-2, index].
19: [i], [1]-60, *pl. 1-60*, [1-2, index].
20: [i], [1]-60, *pl. 1-60*, [1-2, index].
21: [i], [1]-60, *pl. 1-60*, [1-2, index].
22: [i], [1]-21, 22/23, 24-61, *pl. 1-21, 21/23, 24-61*, [1-2, index], [p. 46 as "34"].
23: [i], [1]-60, *pl. 1-60*, [1-2, index].
24: [i], [1]-60, *pl. 1-60*, [1-2, index].
25: [i], [1]-60, *pl. 1-60*, [1-2, index].
26: [i], [1]-60, *pl. 1-60*, [1-2, index], [i]-xxix.

"*Orchides and plants ally'd to them*" 1774, publ. separately, from 24: 24-47, mentioned by Dict. Catal. Libr. Mass. Hort. Soc. p. 233.
Ref.: DA 1967, p. 14; GF p. 59; Henrey 832; RS p. 87; SA 1: 132; Sotheby 348 (collation); IDC 5953.
Sherborn, J. Soc. Bibl. nat. Hist. 1: 141. 1938.
Dandy, J. E., Index gen. names vasc. pl. 14. 1967.

2773. *Flora britanica* [sic]: sive, synopsis methodica stirpium britanicarum. Sistens, arbores et herbas, indigenas et in agris cultas in classes et ordines, genera et species redactas secundum systema sexuale: additis nonnullis noviter detectis. Cum classium, ordinum, et generum characteristicis, specierum descriptionibus, et virium epitome. Tabulis aeneis illustrata. Post tertiam editionem synopseos Raianae, opere Dillenii concinnatam, nunc primum ad celeberrimi Caroli Linnaei methodum disposita. Auctore Johanne Hill, M.D. Societatis regiae Burdigalensis &C. Soc. Londini (Impensis Jacobi Waugh, . . .) 1760. (*Fl. brit.*).
Publ.: 1760, p. [i]-672, *pl. 1-11, 13-24*. *Copy*: USDA.
Ref.: PR ed. 1: 4475 ("est synopsis Raji ad methodum Linnaeanam redacta").
Willmott, A. J., Bull. misc. Inf. Kew 1935: 90 (proposal to declare names in *Fl. brit.* as not validly published; proposal rejected at Amsterdam 1935).

2774. *Hortus kewensis*. Sistens herbas exoticas, indigenasque rariores, in area botanica, hortorum augustissimae principissae Cambriae dotissae, apud Kew, in comitatu Surreiano, cultas; methodo florali nova dispositas . . . Londini (Prostant apud Ricardum Baldwin . . . et Johannem Ridley. . .) 1768. Oct. (*Hort. kew.*).

Ed. 1: 1768 (earliest rev. Monthly Rev. Sep 1769), p. [i, iii, v], table, [1]-458, [1-18, index], *pl. 1-20*, uncol. copper engr. *Copies*: G, MO, US, USDA. – The plates are engravings of drawings by Hill, hand-coloured in some copies. The species are designated by binary names. – It is possible that the book was published in parts. Sheets L* and M* (p. 172(1)-172(24)) must have been printed out of order but before the index.
Ed. 2: "Edition secunda aucta; figuris aeneis viginti illustrata" London (id.) 1769, p. [i, iii, v], table, [1]-458, [1-18, index], *pl. 1-20* (id.). *Copies*: G, M, MO, NY. – Not really "aucta" but a re-issue.

Ref.: Henrey 812-813, HU 598.
Pfeiffer, Bot. Zeit. 6: 833-834. 1848.

2775. *A decade of curious and elegant trees and plants*: drawn after specimens received from the East-Indies and America in the year 1772; and accurately engraved: with their history and characters, in English and Latin . . . London (author) 1773. Fol. (*Dec. cur. pl.*).
Publ.: 1773, p. [i], [1]-20, [1, index], *10* handcoloured engraved *plates* by John Hill. *Copy*: NY.
Italian translation: *Decade di alberi curiosi* ed eleganti piante delle Indie orientali, e dell' America ultimamente fatte gia' note dal celebre sig. dottore Giovanni Hill. Dall idioma inglese, ridotta all' Italiana Favella, col lasciare intatta la descrizione Latina, e corredata di alquante note. Roma (nella stamperia Salomoni) 1786 Qu. (p. iv: 30 Aug 1786) p. [i-viii], [1]-31, [32, impr.], *pl. 1-10* hand-coloured copper engr. after drawings by P. Marjoli. *Copies*: G, MICH, MO, NY.

2776. *Herbarium britannicum* exhibens plantas Britaniae indigenas secundum methodum floralem novam digestas. Cum historia, descriptione, characteribus specificis, viribus, et usis. Tabulis aeneis illustratum . . . Londini (Sumptibus auctoris. Prostant apud Baldwin, Ridley, Nourse, Becket, Davies, Cambell, Elmsly, Bibliopolas.) 1769-1770, 2 vols. Oct. (*Herb. brit.*).

Vol. 1: 1769, p. [i], chart, [1]-136, *pl. 1-92*.
Vol. 2: Jul 1770 (fide Monthly Rev. 43: 245-246. Sep 1770), p. [i], 137-296, [1-10, index, 10], *pl. 93-195*.

Copies: G, MO, USDA. – The plates are uncoloured copper engravings after drawings by the author. Some copies of vol. 1 have extra p. 96*-99*; additional plates with duplicate nos. 30, 66, 89, 117, 170 occur.

2777. *Horti malabarici pars prima*, . . . nunc primum classium, generum, et specierum characteres Linnaeanas; synonyma authorum, atque observationes addidit; et indice Linnaeano adauxit J. Hill . . . London (Sumptibus auctoris) 1774. Qu. (*Hort. malab.*).
Publ.: 1774 (before Sep) (Monthly Review 51: 244), p. [i-iii], [1]-110, [1-4, ind.], *pl. 1-57* (*45* as "*46*") (uncol. copp. engr.). *Copy*: NY. – This is the first part of the London edition of Rheede's *Hortus indicus malabaricus*, q.v.

Hillebrand, Wilhelm (1821-1886), German physician, botanist, and traveller who lived for twenty years in the Hawaiian Islands (1851-1871). (*Hillebr.*).

HERBARIUM and TYPES: B (the ferns and some other material preserved); duplicates BISH, BM, C, CU, FI, G, GH, K, MANCH, MEL, MO, US, W, WRSL; (in part distributed as *Reliquae Hillebrandianae*).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 177; BL 1: 110, 301; BM 2: 845; Bossert p. 175; CSP 15: 850; Hortus 3: 1195; HR; IF p. 703; IH 2: 276; Lenley p. 223; MW p. 178; Rehder 5: 393; SK 1: xxv, 232, 5: cclxxxv; Tucker 1: 341; Urban-Berl. p. 265, 302, 320, 357.
Allen, Science 74: 60-62. 1931 (on H's son, W.F.H., with notes on W.H.).
Anon., Bot. Zeit. 44: 542-543. 1886; Bot. Jahrb. 14 (Beibl. 32): 29-30. 1891 (herb.).
Brewer, W. H., *in* S. Watson, Bot. Calif. 2: 558. 1880 (Calif. coll.).
Degener, O., Hawaii Weekly 18 Nov 1951, p. 3 (portr.); Asa Gray Bull. ser. 2. 3: 193-198. 1957 (portr.).
Ewan, J. et al., Short hist. bot. U.S. 10, 144. 1969.
Gray, A., Amer. J. Sci. ser. 3. 33: 164-165. 1887.
Hillebrand, W. F., *in* W. Hillebrand, Fl. Haw. Isl. vii-xii. 1888 (facs. ed. 1965).
MacCaughey, Haw. Forester Agric. 16(2): 49-50. 1919.
Sayre, G., Mem. New York Bot. Gard. 19(3): 338-339. 1975.
Stafleu, F. A., Taxon 15: 328. 1966.
St. John, H., Chron. bot. 7(2): 69-70. Mar 1942 (on a letter by H. to A. Gray).

EPONYMY: *Hillebrandia* D. Oliver (1866).

2778. *Flora of the Hawaiian Islands*: a description of their phanerogams and vascular cryptogams by William Hillebrand, M.D. Annotated and published after the author's death by

W. F. Hillebrand. London (Williams & Norgate), New York (B. Westermann & Co.), Heidelberg (Carl Winter) 1888. Oct. (*Fl. Hawaiian Isl.*).
Editor: William Francis Hillebrand (1853-1925), chemist (see Biogr. Mem. Natl. Acad. Sci. 12: 43-70).
Publ.: Mar 1888 (Bot. Zeit. 30 Mar 1888; Bot. Jahrb. 27 Mar 1888; J. Bot. rev. Apr 1888; Nat. Nov. Apr 1888), frontisp., p. [i]-xcvi, [1]-673, 4 maps. *Copies*: R. S. Cowan, G, MICH, MO, NY, U, US, USDA. – In a letter to Asa Gray (GH) Hillebrand recalls that he started work on the *Flora* during the winter of 1871-72 at Cambridge, Mass., with Gray's assistance (St. John 1942).
Facsimile ed.: New York and London (Hafner Publishing Company) 1965, (half-title added; new t.p. and p. [ii]). *Copies*: FAS, NY.
Supplementary publ.: Heller, A. A., Obs. ferns flow. pl. Haw. Isl., Minn. bot. Stud. 1: 760-922, *pl. 42-69.* 1897 (Bull. Geol. Nat. Hist. Surv. Minn., Bot. ser. 2. 9).
Ref.: Anon., Bot. Gaz. 13: 166-167. Jun 1888.
Britten, J., J. Bot. 26: 122-124. 1888.
Drude, G. C., Bot. Zeit. 46: 640-643. 5 Oct 1888.

Hillhouse, William (1850-1910), British botanist; curator at Cambridge 1878-1882; professor of botany at Birmingham 1882-1909. (*Hillh.*).

HERBARIUM and TYPES: BIRM; further material at CGE.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 177; BB p. 148; BM 2: 846; CSP 10: 233, 12: 334, 15: 852; Desmond p. 309; IH 2: 276; Jackson p. 248; Kew 2: 688; Rehder 5: 393; SO 2873; Tucker 1: 341.
Anon., Gard. Chron. 1910: 106; Nature 82: 405. 1910.
Dony, J. G., Fl. Bedfordshire 25-26. 1953.
Hillhouse, W., Botanical Division of Bedfordshire, 1876, see BM 2: 846.
Moss, Bot. Exch. Club Br. Isl. Rep. 2: 534. 1910.
Thompson, Gard. Chron. 1910(1): 106 (see also p. 96).
West, Proc. Linn. Soc. London 122: 91-92. 1910; J. Bot. 48: 105-106. 1910.

COMPOSITE WORKS: (1) Strasburger, E. and Hillhouse, W., *Handbook of practical botany*, London 1887 (transl. of *Das botanische Practicum*, ed. 1, 1884).
(2) *The Midland Naturalist*, vols. 10-16, editor.

Hillmann, Johannes (1881-1943), German lichenologist, high school teacher at Berlin. (*Hillm.*).

HERBARIUM and TYPES: B; other material in herb. Grummann. Hillmann's main herbarium left to B, was kept in Buckow outside Berlin but even so destroyed by fire in 1945.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 177; Bossert p. 176; GR p. 20, *pl.* [*14*], cat. p. 65; LS suppl. 11575-11585; MW p. 178, suppl. p. 98; SBC p. 122 ("Hillm.").
Grumann, V., *in* Hillmann, J. und V. Grummann, *Flechten*, Berlin 1957, p. vii-viii (Kryptogamenfl. Brandenburg vol. 8).
Hiepko, P., Willdenowia 8(2): 392, 399. 1878.
Mattick, F., Willdenowia 1: 176-180. 1954 (portr.).

COMPOSITE WORKS: (1) Rabenhorst, *Kryptogamen-Flora*, ed. 2, *Teloschistaceae*, 9(6), Lief. 1, p. [1]-36. 1935; *Parmeliaceae*, 9(5.3), Lief. 1-2, p. [ii-iv], [1]-309, *pl. 1-2*, [1-10, ind.]. 1936.
(2) *Kryptogamen-Flora der Mark Brandenburg*, vol. 8, *Flechten*, 955 p., 1913 (printed, but stock destroyed shortly after printing; ultimate publication by Hillmann und Grummann, Berlin-Nikolassee (Gebrüder Borntraeger) 1957, p. [i]-[x], [1]-898. *Copy*: U.

Hilpert, Friedrich Wilhelm (1907-x), German botanist; pupil of Herzog; educated at München (1929-1930) and Jena (1930-1933). (*Hilp.*).

HERBARIUM and TYPES: Made no herbarium; worked mainly on the Herzog herbarium (now at JE) (inf. R. Grolle).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 177; MW p. 178; SBC p. 122 ("Hilp.").

2779. *Studien zur Systematik der Trichostomaceen.* Inaugural-Dissertation zur Erlangung der Doktorwürde einer Hohen Mathemat.-Naturwissenschaftlichen Fakultät der Thüringischen Landesuniversität zu Jena vorgelegt von Friedrich Hilpert aus Hildburghausen. Dresden (C. Heinrich) 1933. Oct. (*Stud. Trichostom.*).
Publ.: 1932, after 27 Jul (date oral exam.), p. [i, iii], [585]-706, [1, vita]. *Copy*: FH. – Also published as Beih. Bot. Centralbl. 50, Abth. 2, Heft 3, 1933 (rd. at U 13 Oct 1933).

Himmelbaur, Wolfgang (1886-1937), Austrian botanist, pharmacognocist and phytopathologist; pupil of R. v. Wettstein; Dr. phil. Wien 1909; in various functions at the Landwirtschaftslich-chemische Bundes-Versuchsanstalt; from 1914 privatdocent, from 1934 professor of applied botany at the University of Vienna. (*Himmelb.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 178; Klášterský p. 91; Tucker 1: 342, 776.
Janchen, E., Richard Wettstein 184-185, 1933; Ber. deut. bot. Ges. 55: (209)-(219). 1937 (portr., bibl.).
Verdoorn, F., Chron. bot. 4(1): 76. 1938.

Himpel, J. Stephan (*fl.* 1891), German high school teacher and botanist. (*Himp.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 529; BL 2: 120, 183, 668; Kew 2: 690; Rehder 5: 393.

2780. *Excursions-Flora für Lothringen* bearbeitet von J. St. Himpel, ordent. Lehrer am Progymnasium zu Pfalzburg. Metz (Verlag von Gebrüder Even) 1888. Oct. (*Excurs.-Fl. Lothringen*).
Publ.: Jul-Aug 1888 (Nat. Nov.(1) 1888; Bot. Zeit. 31 Aug 1888), p. [i]-vi, [vii-viii], [1]-222. *Copy*: HH. – Himpel's three German floras on the Elsass (Alsace) and Lothringen reflect the incorporation of those areas with mixed culture in the German state between 1871 and 1918. Pfalzburg is now Phalsbourg.

2781. *Flora von Elsass-Lothringen.* Analytische Tabellen zum leichten und sicheren Bestimmen der in Elsass-Lothringen einheimischen und häufiger kultivierten Gefässpflanzen, namentlich zum Gebrauch auf Excursionen. Von J. St. Himpel. Metz (Verlag der Deutschen Buchhandlung (Georg Lang)) 1891. Oct. (*Fl. Elsass-Lothringen*).

Ed. 1: 1891 (Bot. Zeit. 29 Dec 1891; Nat. Nov. Nov(1) 1891), p. [i-iv], [1]-325. *Copies*: BR, HH.
Ed. 2: 1902 (Bot. Zeit. 1 Dec 1902; Nat. Nov. Oct(1) 1902; the date 1 Nov 1901 is mentioned in the preface), p. [1]-327. *Copies*: B, G, HH. – "Flora . . . von Oberlehrer J. St. Himpel. Zweite Auflage." Strassburg i.E. (Verlag von Friedrich Bull.) s.d. Oct.

2782. *Die Flora der Umgebung von Metz.* Von J. St. Himpel, Oberlehrer. Metz (Verlag von G. Scriba) 1898. Oct. (*Fl. Metz*).
Publ.: Oct 1898 (p. iv: Jul 1898; Nat. Nov. Nov(1) 1898), p. [i]-iv, [1]-96. *Copy*: HH.
Other issue: 1898, p. [i]-iv, [1]-96, *Copy*: G. – "*Die Flora* . . . Oberlehrer. Beilage zum Jahresbericht der Oberrealschule zu Metz für das Schuljahr 1897/98 . . . No. 551." Metz (Buchdruckerei Paul Even) 1898. Oct.

Hind, William Marsden (1815-1894), British botanist and clergyman; ultimately rector of Honington, Suffolk. (*Hind*).

HERBARIUM and TYPES: TCD (British herbarium, donated 1870); other material at AK, C, CGE and IPS (3000, Suffolk plants).
Ref.: Kent, D. H., Brit. herb. 60. 1957.
Seemann, B., J. Bot. 8: 272. 1870.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 178; BB p. 149; BM 2: 847; BL 2: 234, 257, 266, 668; CSP 3: 358, 7: 984, 15: 855; Desmond p. 310; IH 2: 276; Jackson p. 253; Kew 2: 690; Rehder 5: 393.
Anon., Bot. Not. 1895: 38.
Britten, J., J. Bot. 32: 320, 352. 1894.
Davey, F. H., Fl. Cornwall lvi. 1909.
Kent, D. H., Hist. Fl. Middlesex 22. 1975.
Praeger, R. L., Proc. R. Irish Acad. 7: cxxiv. 1901; Some Irish naturalists 103. 1949.

COMPOSITE WORKS: *The flora of Harrow*: by J. Cosmo Melvill, . . . a new and enlarged edition revised and edited by the Rev. W. M. Hind, . . . London, Harrow 1876, [i]-viii, [1]-176 p.; see under Melvill.

2783. *The flora of Suffolk*; a topographical enumeration of the plants of the county, showing the results of former observations and of the most recent researches by W. M. Hind, . . . assisted by the late Churchill Babington, . . . with an introductory chapter of the geology, climate and meteorology of Suffolk by Wheelton Hind . . . London (Gurney and Jackson) 1889. Oct. (in fours). (*Fl. Suffolk*).
Co-authors: Churchill Babington (1821-1889); Wheelton Hind (1859-1920), son of W. M. Hind.
Publ.: Aug-Sep (-Nov?) 1889 (Nat. Nov. Oct 1889, p. v: Jul 1889; however: J. Bot. Dec 1889, Bot. Zeit. 28 Feb 1890), map, p. [i*], [i]-xxxiv, [1]-508. *Copies*: G, HH, MO, NY.
Ref.: BL 2: 266 (q.v. for details on follow-up).
Britten, J., J. Bot. 28: 92-94. Mar 1890.

Hinds, Richard Brinsley (1812-1847), British naval surgeon; attached as surgeon naturalist to HMS Sulphur (1836-1842). (*Hinds*).

HERBARIUM and TYPES: BM (originals of Sulphur voyage); further material at CGE, K, LE and W. Letters at K; mss. diary at BM.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 772; Barnhart 2: 178; BB p. 149; BM 2: 847; Bret. p. 363-365; CSP 3: 358-359; Desmond p. 311 ("c. 1812-c. 1847"); IH 2: 276; Jackson p. 222; Kew 2: 690; Langman p. 370; Iasègue p. 329, 386; ME 3: 437; MW p. 178; NI (alph.); PR 4083 (ed. 1: 4501); Rehder 5: 394; SK 1: 232-233, 8: xliv; TL-2/425; Tucker 1: 342.
Alden and Ifft, Occ. papers Calif. Acad. Sci. 20: 46. 1943.
Belcher, E., Narr. voy. world H.M.S. Sulphur, Londen 1843 (2 vols.) (see 2: 325-460).
Bentham, G., *in* W. J. Hooker, London J. Bot. 1: 669-676. 1842, 2: 211-240. 1843 (on plants collected by Hinds in the Pacific); Fl. Hongk. 8*. 1861.
Brewer, W. H., *in* S. Watson, Bot. Calif. 2: 555. 1880.
Ewan, J., *in* Century progr. nat. sci. 52. 1955.
Ewan, J. et al., Short hist. bot. U.S. 116. 1969.
Hemsley, W. B., Biol. Centr. Amer. 4: 128. 1887.
Hinds, R. B., Ann. Mag. nat. Hist. 15: 12. 1845; Amer. J. Sci. ser. 2. 1: 132. 1846 (estimated total number of species of plants: 134.000); Hawaiian J. Hist. 2: 102-135. 1968 ("Sandwich Islands" from unpubl. *Sulphur* diary; fide Desmond).
Huxley, L., Life letters J. D. Hooker 1: 438. 1918.
McKelvey, S. D., Bot. Expl. Trans.-Mississippi West 636-658. 1955.
McVaugh, R., Contr. Univ. Michigan Herb. 9: 245-246. 1972.
Thomas, J. H., Contr. Dudley Herb. 5(6): 156-157. 1961.

COMPOSITE WORKS: Edited *The botany of the voyage of H. M. S. Sulphur*, 1844 [-1846], see TL-2/425 (additional ref.: A. Gray, Amer. J. Sci. 47(1): 202-204. Jul 1844).

EPONYMY: *Hindsia* Bentham ex J. Lindley (1844).

Hinterhuber, Julius (1810-1880), Austrian botanist and pharmacist, brother of Rudolf Hinterhuber. (*J. Hinterh.*).

HERBARIUM and TYPES: See under Rudolf Hinterhuber.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 179; BFM 844; BM 2: 847; CSP 3: 360, 12: 335; DTS 1: 117-118; Jackson p. 269; Kew 2: 691; Rehder 1: 440.
Anon., Bot. Zeit. 38: 438. 1880.
Kanitz, A., Magy. Növen. Lap. 4: 78. 1880.

EPONYMY: The etymology of *Hinterhubera* C. H. Schultz-Bip. ex Weddell (1857) could not be established.

Hinterhuber, Rudolph (1802-1892), Austrian botanist and pharmacist at Bolzano and Mondsee, brother of Julius Hinterhuber. (*R. Hinterh.*).

HERBARIUM and TYPES: Plants of Georg Hinterhuber (1768-1850, father of the above) are at BR, OXF, P, W and WAG. A mss *Flora der Umgebung von Bozen*, 1836, is at IBF. Saccardo states that Rudolph H's herbarium is at the "museo francisco-carolino di Linza D." (now at LI?).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 179; BM 2: 847; CSP 3: 360; DTS 1: 117-118, 6(4): 18; Jackson p. 269; Kew 2: 691; PR 4084; Rehder 1: 440; Saccardo 1: 89, 2: 58.
Anon., Bot. Not. 1893: 39.
Hausmann, F., Flora von Tirol 3: 1180. 1854.

2784. *Prodromus einer Flora des Kronlandes Salzburg* und dessen angränzenden Ländertheilen, als Berchtesgaden, des k.k. Salzkammergutes nebst Mondsee, eines kleinen Theils des nördlichen Tirol mit Inbegriff des gesammten Zillerthales, von Heiligenblut (im angränzenden Kärnthen) nebst der in botanischer Beziehung so interessanten, bei Lienz im Pusterthale liegenden "Kirschbaumer-Alpe", mit besonderer Uebersicht der Spezialfloren der einzelnen Gauen, entworfen von Rudolph Hinterhuber, . . . und Julius Hinterhuber . . . Salzburg (Druck der Oberer'schen Buchdruckerei) 1851. Oct (*Prodr. Fl. Salzburg*).
Co-author: Julius Hinterhuber (1810-1880).

Ed. 1: 21 Apr-31 Mai 1851 (p. ix: 21 Apr 1851; rd. by Flora Apr-Mai 1851), p. [i]-ix, [1]-414. *Copies*: G, NY.
Ed. 2: "Zweite, gänzlich umgearbeitete Auflage." Salzburg (Heinrich Dieter) 1879. Oct. *Publ.*: Apr-Jun 1879 (Nat. Nov. Jun 1879; Flora 11 Jun 1879), p. [i-iv], [1]-313. *Copies*: B, G. – *Authors*: Julius Hinterhuber (1810-1880) and Franz Pichlmayr (b. 1879). "*Prodromus einer Flora des Herzogthumes Salzburg* und der angrenzenden Ländertheile als: des k.k. Salzkammergutes neben Mondsee, von Heiligenblut in Kärnthen nebst der in botanischer Beziehung so interessanten Kirschbaumer Alpe im Pustertale, eines kleinen Theiles des Nördlichen Tirol mit dem gesammten Zillerthale und des südöstlichen Baiern bis Waging und Chiemsee. Mit besonderer Uebersicht der Specialflora der einzelnen Gaue." "Die Angaben . . . sind . . . theilweise . . . anscheinend gänzlich aus der Luft gegriffen." (DTS).
Ed. 3: "Neue Ausgabe." Salzburg (Verlag von Heinrich Dieter) 1899. Oct. *Publ.*: 1899, p. [i-ii], [1]-313. *Copy*: B. – "*Flora des Herzogthumes Salzburg* und der angrenzenden Ländertheile. Zusammengestellt von Julius Hinterhuber, . . . und Franz Pichlmayr, . . . Der zweiten, gänzlich umgearbeiteten Auflage neue Ausgabe." (*Fl. Salzburg*).
Ref.: Anon., Flora 34: 271-272. 7 Mai 1851, 336. 7 Jun 1851.

Hipólito Unanue, José (1755/8-1833), Spanish-Peruvian botanist and physician. (*Unanue*).

HERBARIUM and TYPES: Unknown.

NOTE: Correctly to be listed under Unanue, J.H., q.v.

2785. *Disertacion sobre* el aspecto, cultivo, comercio y virtudes de la famosa planta del Perú nombrada *Coca*, publicada en el Mercurio peruano núm. 372, y dedicada al excmo. señor conde de la Union por el doct. d. Joseph Hipólito Unanue, . . . Impresa en Lima, en la Imprenta Real de los Niños expósitos ãno de 1794. Qu. (*Disert. Coca*).
Publ.: 1794, p. [i-viii], [1]-45, *1* uncol. unsigned copper engr. *Copy*: WU.

Hippe, Ernst (*fl.* 1878), German botanist at Königstein a.d. Elbe. (*Hippe*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Jackson p. 310; Maiwald p. 238.

2786. *Verzeichniss der* wildwachsenden, sowie der allgemeiner cultivirten *Phanerogamen* und kryptogamischen Gefässpflanzen *der Sächsischen Schweiz* und deren nächster Umgebung mit den Standorten derselben nach eigenen, in den Jahren 1844 bis 1878 gemachten Beobachtungen bearbeitet und im Selbstverlage herausgegeben von Ernst Hippe. Pirna (In Commission bei C. Diller & Sohn) 1878. Oct. (*Verz. Phan. Sächs. Schweiz*).
Publ.: Oct-Dec 1878 (p. viii: 1 Oct 1878; Nat. Nov. Jan(1) 1879), frontisp., p. [i]-viii, [1]-177. *Copy*: B.

Hiratsuka, Naohide (1903-x), Japanese botanist, studied at Hokkaido University, professor botany and phytopathology at Tottori Agricultural College (1929), later at the Faculty of agriculture, Tokyo University of Education. (*Hiratsuka*).

HERBARIUM and TYPES: Main collections at the Laboratory of Phytopathology of Tokyo University. Further material at MICH, PUR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 180; IH 2: 277; MW p. 179-181, suppl. p. 101-103 (main bibl.).

2787. *A monography of the Pucciniastreae.* Tottori August 1936. (*Monogr. Puccin.*).
Publ.: Aug 1936 (rd. FH 16 Oct 1936), p. [i]-ix, 1-374, *pl. 1-11* (uncol.; with text). *Copy*: FH. – Mem. Tottori Agr. Coll. 4, 1936.

Hirmer, Max (1893-x), German palaeobotanist at München; Dr. phil. München 1917 (under Goebel); extraordinary professor of palaeobotany at München 1928-1936; 1936 released on political grounds; subsequently working at the Preusische Geologische Landesanstalt and continuing his father's publishing firm. (*Hirmer*).

COLLECTIONS: Palaeobotanical collections and library in Staatssammlung für Paläontologie und historische Geologie, München (all information on H. kindly supplied by K. Mägdefrau).

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 278; Barnhart 2: 181; Hirsch p. 124; Kew 2: 692; Langman p. 371; LS suppl. 11689-11690.
Bergdolt, E., Karl von Goebel ed. 2. 225. 1941.
Glossner, Deut. allg. Sontagsbl. 31, nr. 11, 12 Mar 1978 (on his 85th birthday, 14 Mar).
Hirmer, M., Verzeichnis der Veröffentlichungen, typescript 9 p. (copies Mägdefrau, FAS).

COMPOSITE WORKS: Editor, *Palaeontographica*, Abt. B, Palaeophytologie, vols. 78-85.

EPONYMY: *Hirmerella* W. W. Jung (1968); *Hirmeria* A. Fucini (1936); *Hirmeriella* L. Hörhammer (1933).

2788. *Ergebnisse der Forschungsreisen Prof. E. Stromers in den Wüsten Ägyptens* iv. Die fossilen Floren Ägyptens. 3. Die fossilen Pflanzen Ägyptens: D. Filicales. München (Verlag der Bayerischen Akademie der Wissenschaften) 1925. Qu. (*Erg. Stromers Ägypt., Filic.*).
Publ.: 1925 (submitted 8 Nov 1924), p. [1]-18, *pl. 1-5*. *Copy*: M. – Abh. bayer. Akad. Wiss., Mat.-naturw. Abt. 30(3). 1925 (listed by Hirmer himself in his bibliography as having been published in 1924).

2789. *Handbuch der Paläobotanik* von Dr. Max Hirmer . . . mit Beiträgen von Dr. Julius Pia und Dr. Wilhelm Troll. München und Berlin (Druck und Verlag von R. Oldenbourg) 1927. Oct. (*Handb. Paläobot.*).
Co-authors: Julius Pia (1887-1943) (contr. Thallophyta); Wilhelm Troll (1897-1977) (contr. "Bryophyta").

Band 1: Dec 1927 (p. vi: Sep 1927; Nat. Nov. Jan 1928; J. Bot. Mai 1928), p. [i]-xvi, [1]-708, err. slip. – *Copies*: G, MO, NY, US.
Ref.: Gothan, Bot. Jahrb. 61(Lit.): 106. 1928.
Thomas, J. Bot. 66: 155-156. 1928.

Hirn, Karl Engelbrecht (1872-1907), Finnish algologist, high school teacher at Jyväskylä. (*Hirn*).

COLLECTIONS: Original collections lost; some algae and many phanerogams in H (inf. T. Ahti).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 181; BM 2: 848, 6: 468; Bossert p. 176; CSP 15: 863; De Toni 4: xxx; Kew 2: 692; KR p. 295-296; Moebius p. 83; MW p. 181; NAF 2(8): 47, 11(1): 89; NI 887; Nordstedt suppl. p. 8; Saelan p. 169-170.
Anon., Bot. Not. 1902: 46, 1907: 140.
Collander, R., Hist. bot. Finland 50. 1965.
Collander, R. et al., Bibl. Bot. Fenn. 1901-1950: 164. 1973.
Elfving, Medd. Soc. Fauna Fl. fenn. 33: 124-127. 1907; Luonnon Ystävä 11: 117-120. 1907 (portr.); see also French abstract in Nuova Notar. fasc. comm. 40 anno: 380-382. 1925 (bibl.).
Koster, J. T., Taxon 18: 553. 1969 (algae at H).
Luther, Intr. to facs. ed. Monogr. Iconogr. Oedogoniaceen, Hist. nat. Class. 17. 1960.
Wittrock, V. B., Acta Horti Berg. 3(2): 107, *pl. 20.* 1903 (portr.).
Wänttinen, Suomen kasvatusopil. Yhdist. Aikak. 44: 162-167. 1907 (fide Collander et al. 1973).

2790. *Beiträge zur Kenntnis der Oedogoniaceen* . . . mit 14 Tafeln. Wird mit Genehmigung der Philosophischen Fakultät der Kaiserl. Alexanders-Universität zu Helsingfors den 6 October 1900, 10 Uhr Vorm. im Hist.-Phil. Auditorium für öffentlichen Verteidigung vorgelegt. Helsingfors (Druckerei der Finnischen Litteratur-Gesellschaft) 1900. Qu. (*Beitr. Oedogon.*).
Publ.: Shortly before 6 Oct 1900 (t.p.; p. iii: Sep 1900), p. [i-iii], [1]-136, [137], *pl. 51-64, fig. 1-27. Copies*: BR, H, PCS. – An abbreviated version of no. 2791, *Monographie* und *Iconographie der Oedogoniaceen.*

2791. *Monographie und Iconographie der Oedogoniaceen.* Helsingfors (Druckerei der Finnischen Litteratur-Gesellschaft) 1900. Qu. (*Monogr. Oedogon.*).
Publ.: 1 Jan 1900 (conventional date ICBN Art. 13(g)), actually published Sep-Oct 1900 (p. iv: Sep 1900; Bot. Zeit. 1 Dec 1900; Nat. Nov. Jan(1) 1901) p. [i*], [i]-iv, [1]-394, [1, err.], *fig. 1-27, pl. 1-64* with text (uncol. liths.). *Copies*: B, G, M, US, USDA. – Starting point work for the nomenclature of the Oedogoniaceae. See also H. Luther's introduction to the Weinheim reprint of 1960. – Acta Soc. Sci. fenn. 27(1).
Facsimile ed.: Weinheim (J. Cramer) 1960, Historiae naturalis classica 17, ISBN 3-7682-7056-4. With a biographical sketch by H. Luther, p. [new: i*-vi*, on v*-vi* intr. by Hans Luther], old: [i]-iv, [1]-394, [1, err.]. *Copies*: FAS, U.
Ref.: Nordstedt, Bot. Centralbl. 85: 162-164. 1901.
Klebahn, Bot. Zeit. 59(2): 51-52. 1901.
Stafleu, F. A. et al., Int. Code bot. Nom. (Leningrad 1975), p. 11. 1978; see also Briquet, J., Règles internationales Nomenclature botanique, ed. 2. 15. 1912.

2792. *Zur Kenntnis der Desmidiaceen Finnlands* . . . Helsingfors 1903. Oct. (*Desmid. Finl.*).
Publ.: 1903 (Nat. Nov. Jul(1) 1904), p. [1]-24, [1-2, expl. pl.], *pl. 1-2* (uncol.). *Copies*: FH, H. – Acta Soc. Fauna Fl. fenn. 25(3).

2793. *Studien ueber Oedogoniaceen.* I. Eine kritische Zusammenstellung der Untersuchungen und Beobachtungen, die in den Jahren 1901-05 ueber Oedogoniaceen gemacht worden sind . . . Helsingfors (Druckerei der Finnischen Litteratur-Gesellschaft) 1906. Qu. †. (*Stud. Oedogon.*).
Publ.: 1906 (p. iii: Feb 1905), p. [i*], [i]-iii, [1]-63, *pl. 1-4* with text. *Copies*: FH, H, U. – Acta Soc. Sci. Fenn. 34(3). 1906.
Wille, N., Bot. Centralbl. 104: 576. 1907.

Hisinger, Wilhelm [von] (1766-1852), Swedish palaeobotanist. (*Hising.*).

HERBARIUM and TYPES: Collection left to the Royal Academy of Sciences.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 278; Barnhart 2: 182; BL 2: 556, 668; BM 2: 849; CSP 3: 363-365, 6: 688; Jackson p. 188; KR p. 296-297; PR 4091-4093 (ed. 1: 4513-4521); Quenstedt p. 202-203; Rehder 5: 394.
Anon., Bot. Zeit. 10: 572. 13 Aug 1852.
Scheutz, N. J. W., Bot. Not. 1863: 69.
Wittrock, V. B., Acta Horti Berg. 3(3): 16-17. 1905.

EPONYMY: *Hisingera* Miquel (1842) is probably dedicated to him, but *Hisingera* Hellenius (1792) commemorates his uncle, Johan Hisinger (1727?-1790?), Swedish mining engineer and promotor of botanical research.

2794. *Förteckning på växterna i Skinskattebergs Socken* i Westmanland. Stockholm (tryckt hos P. A. Norstedt & Söner) 1832. Qu. (*Forteckn. växt. Skinskatteb.*).
Publ.: 1832, p. [i-ii], [1]-45. *Copy*: NY.

2795. *Lethaea svecica* seu petrificata Sveciae, iconibus et characteribus illustrate . . . Holmiae [Stockholm] (Typis P. A. Norstedt et filii) 1837. Qu. (*Lethaea svecica*).
Main vol.: 1837, p. [i]-iv, [1]-112, *pl. A-C, 1-34.*
Supplement 1: 1837(?), p. [1], 113-124, [1], *pl.35suppl., 36suppl.*
Supplement secundum: Holmiae [Stockholm] (id.) 1840 p. [1]-11, *pl. 37suppl.-39suppl.*
Supplementi secundo continuatio: Stockholm (id.) 1841, p. [1]-6, *pl. 40-42.*
Copies: MICH, NY, U (without suppl. 2).

Hitchcock, Albert Spear (né Jennings) (1865-1935), American botanist, leading agrostologist, at Ames (1885-1889), St. Louis (1889-1891), Manhattan, Kansas (1892-1901), USDA Washington 1901-1935; "eager explorer, far-seeing botanist, and wise promoter of scientific research in America" (Jepson, Fl. Calif. 1925, in copy presented to Hitchcock). (*Hitchc.*).

HERBARIUM and TYPES: US (grass herbarium), older collections partly at MO (e.g. Bahamas 1890) and NY. Duplicates from his many collecting trips in many herbaria (see IH). Exsiccatae: *American grasses* (cent. 1-10, 1914-1929) at BM, C, K, L, P, US, W. Sets of 1000 dried specimens entitled *Flora of Kansas*, Manhattan, Kansas, (25 sets) were announced by Nat. Nov. Aug(2) 1897. (*Flora of Kansas*, a series of maps . . . Manhattan 1899, was a set of 20 plates with 1298 maps and 3 p. text; Nat. Nov. Sep(1) 1899).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 652; Barnhart 2: 182; BFM 2281; BL 1: 172, 173, 179, 181, 227, 301; BM 2: 849, 6: 468; Bossert p. 177; CSP 15: 869, 16: 943; Hirsch p. 125; Hortus 3: 1195; IH 2: 277-278; Kew 2: 694-696; Langman p. 371-372; Lenley p. 224; LS 12342-12348, 34632-34633; MW p. 182-182; NAF 28B(2): 335, ser. 2. 2: 160, 4: 43, 5: 242, 7: 40; Plesch p. 265; Rehder 5: 394-395; SK 1: 233; SO 3064, 498, 499, 3507; TL-2/778, 781; Tucker 1: 343; Zander ed. 10, p. 670.
Allan [H.H.A.], New Zealand J. Sci. Techn. 17(6): 779. 1936; Bull. Acad. int. Géogr. bot. 9(122): 1. 1900 (election as director of this Academy) (portr.); Kansas Industrialist 62 (no. 24): 25 Mar 1936 (portr.); Sci. News Letter 10 Dec 1938, p. 381.
Boone, W., Hist. bot. W. Virginia 173. 1965.
Chase, A., Address on A. S. Hitchcock, read at meeting Bot. Soc. Washington, 1 Dec 1936, mss. (12 p.) at US; Science 83(2149): 222-224. 1936.
Chase, A. and Rendle, A. B., J. Bot. 74: 54-55. 1936.
Ewan, J., Rocky Mountain Naturalists 230. 1950; Short hist. bot. U.S. 14, 20. 1969.
Hitchcock, A. S., A botanical trip to Mexico. Sci. Monthly 8: 129-145, 216-238. 1919; Science ser. 2. 53: 312-314. 1921 (Type-basis code).
Hoehne, F. C., Jard. bot. São Paulo 72. 1941 (portr.).
Hubbard, C., Nature 137: 216. 1936.
Hultén, E., Bot. Not. 1940: 293, 323-324. 1940.
Humphrey, Makers of North Amer. Bot. 109-110. 1961.
Keng, Yi-li, Science Ku Shu 20(9): 763-764. 1936 (in Chinese; portr.).

Léon, Mem. Soc. Cubana Hist. nat. 10(2): 131-134. 1936.
Levyns, M. R. B., Insnar'd with flowers 103. 1977.
McVaugh, R., Edward Palmer: plant explorer 103. 1956; Contr. Univ. Mich. Herb. 9: 247-248. 1972 (Mexican itin.).
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 151-152. 1947 (bibl. Pacific Isl.).
Millspaugh, Field Mus. Bot. 2(3): 141. 1906 (coll. Bahamas), 2(7): 290. 1909 (133 sheets of Bahamian coll. at F, from Hitchcock's "Florida herbarium" at F).
Murrill, W. A., Hist. found. bot. Florida 18. 1945.
Parodi, Revista Argent. Agron. 3(2): 113-119. 1936 (portr., bibl.).
Phillips, V. T. and M. E., Guide mss Coll. Acad. Phila. p. 239, 450. 1963.
Pfeiffer, Revista sudamer. Bot. 3: 203-204. 1936 (portr.).
Sprague, T. S., Bull. misc. Inf. Kew 1936: 107-109.
Urban, I., Symb. ant. 1: 70-71. 1898, 3: 61.1902.
Verdoorn, F., Chron. bot. 2: 309. 1936 (portr.), 3: 335. 1937.
Wittrock, V. B., Acta Horti Berg. 3(3): 197. 1905.
Woodward, C., J. New York Bot. Gard. 37: 26. 1936.

NOTE: Hitchcock, like his West Coast contemporary H. M. Hall, was one of the early proponents of setting up an *International Bureau for Plant Taxonomy*. He tried to implement Hall's idea at the International Botanical Congresses of Cambridge (1930) and Amsterdam (1935). At the latter Congress he succeeded in obtaining agreement on the founding of a "Standing Committee for urgent taxonomic needs" which was charged to start the compilation of an *Index herbariorum* (taken on initially by J. Lanjouw) and to further the compilation of a *Type-register* as advocated by the Committee on Nomenclature of the Botanical Society of America (chairman: Hitchcock) (see no. 2819, Hitchcock 1934). Hitchcock's ideas on nomenclature made him a staunch supporter of the type method and it is for a great part due to him that this principle was introduced in the International Code of Botanical Nomenclature.

Hitchcock died on 16 Dec 1935, on board the SS. City of Norfolk, on his return voyage to the U.S., after having visited Europe to attend the Amsterdam Botanical Congress and having spent time in the major European herbaria. His library and manuscripts are at US.

COMPOSITE WORKS: (1) *Gramineae*, in Jepson, A flora of California 82-189. 30 Apr 1912 (TL-2/3341).
(2) *Gramineae*, *in* A. Gray, *Manual*, ed. 7. 1908 (TL-2/2124).
(3) Gramineae, *in* Urban, Symb. ant. 7: 166-170. 15 Jun 1912.
(4) *Poaceae*, *in* NAF 17(3): 198-288. 20 Dec 1915; 17(4): 289-354. 14 Aug 1931; 17(5): 355-418. 17 Mai 1935; 17(6): 419-482. 5 Sep 1935; 17(7): 483-542. 31 Mar 1937; 17(8): 543-568. 14 Jul 1939 (TL-2/781).

EPONYMY: *Hitchcockella* A. Camus (1925).

2796. *A catalogue of the Antophyta and Pteridophyta of Ames, Iowa.* [St. Louis (Printed by R. P. Studley & Co.)] 1891. Oct. (*Cat. Antoph. Ames*).
Publ.: 4 Feb 1891 (date on cover), p. 477-532. *Copies*: MO, US, USDA. – Contributions from the Shaw School of Botany no. 7. Preprinted from Trans. Acad. Sci. St. Louis 5(3). 1892.

2797. *A key to the genera of Manhattan plants*, based on fruit characters . . . Manhattan, Kansas [(Mercury Publishing House)] September 24, 1894. Oct. (*Key Manhattan pl.*).
Publ.: 24 Sep 1894 (t.p.; Nat. Nov. Nov(1) 1894; F.V. Coville rd. his copy (US) on 16 Oct 1894), cover, p. [1]-35. *Copies*: NY, US.

2798. *A key to the spring flora of Manhattan* . . . Manhattan, Kansas (Mercury Publishing House) 1894. Oct. (size). (*Key spring fl. Manhattan*).
Publ.: Mar-Apr 1894 (F. V. Coville rd his copy on 20 Apr 1894), p. [1]-35. *Copies*: NY, US.

2799. *North American species of Leptochloa.* Washington [D.C.] (Government Printing Office) 1903. Oct. (size). (*N. Amer. Leptochloa*).
Publ.: 10 Feb 1903 (t.p.; Nat. Nov. Dec(2) 1903), p. [1]-24, *pl. 1-6* (plain). *Copies*: US(2). – U.S. Dept. Agr. Bull. 33, 1903.

2800. *North American Species of Agrostis. Washington* [D.C.] (Government Printing Office) 1905. Oct. (*N. Amer. Agrostis*).
Publ.: 29 Apr 1905 (t.p.; USDA rd. a copy 2 Mai 1905; Nat. Nov. Jul(2) 1905), p. [1]-68, *pl. 1-37* (uncol. liths.), *Copies*: G, NY, U, US, USDA. – U.S. Dept. Agr. Bull. 68, 1905.

2801. *Types of American grasses*: a study of the American species of grasses described by Linnaeus, Gronovius, Sloane, Swartz, and Michaux. Washington [D.C.] (Government Printing Office) 1908. Oct. (*Types Amer. grasses*).
Publ.: 18 Jun 1908 (p. ii), p. [i]-[v], 113-158, i-v. *Copies*: U, US. – Contr. U.S. natl. Herb. 12(3), 1908.

2802. *Catalogue of the grasses of Cuba.* Washington [D.C.] (Government Printing Office) 1909. Oct. (*Cat. grasses Cuba*).
Publ.: 23 Mar 1909 (p. ii), p. [i]-v, 183-258, vii-xi. *Copy*: US. – Contr. U.S. natl. Herb. 12(6).

2803. *The North American species of Panicum.* Washington [D.C.] (Government Printing Office) 1910. Oct. (*N. Amer. Panicum*).
Co-author: Mary Agnes Chase, née Merrill (1869-1963).
Publ.: 22 Oct 1910 (p. ii), p. [i]-xiv, [1]-396. *Copy*: US. – Contr. U.S. natl. Herb. 15, 1910.

2804. *Mexican grasses in the United States National Herbarium.* Washington [D.C.] (Government Printing Office) 1913. Oct. (*Mexic. grasses*).
Publ.: 15 Jul 1913 (p. [ii]), p. [i]-v, 181-389, vii-xiv. *Copy*: US. – Contr. U.S. natl. Herb. 17(3), 1913.

2805. *A text-book of grasses* with especial reference to the economic species of the United States . . . New York (The Macmillan Company) 1914. Oct. (size). (*Text-book grasses*).
Publ.: Mai-Dec 1914 (p. vi: 12 Mai 1914), p. [i], frontisp., [iii]-xvii, [xviii-xix], 1-276, *fig. 1-63*. *Copies*: NY, US, USDA.

2806. *Tropical North American species of Panicum.* Washington [D.C.] (Government Printing Office) 1915. Oct. (*Trop. N. Amer. Panicum*).
Co-author: Mary Agnes Chase, née Merrill (1869-1963).
Publ.: 24 Jul 1915 (p. ii), p. [i]-ix, 459-539, xi-xii. *Copy*: US. – Contr. U.S. natl. Herb. 17(6), 1915.

2807. *Grasses of the West Indies.* Washington [D.C.]. (Government printing Office) 1917. Oct. (*Grasses W. Ind.*).
Co-author: Mary Agnes Chase, née Merrill (1869-1963).
Publ.: 18 Aug 1917 (p. ii; J. Bot. Dec 1917), p. [i]-v, 261-471, vii-xviii. *Copies*: U, US. – Contr. U.S. natl. Herb. 18(7). 1917.
Ref.: Rendle, A. B., J. Bot. 55: 355-357. 1917.

2808. *Flora of the District of Columbia and vicinity* . . . Washington [D.C.] (Government Printing Office) 1919. Oct. (*Fl. D.C.*).
Co-author: Paul Sarpenter Standley (1884-1963).
Publ.: 1919, p. [1]-329, *pl. 1-42*. *Copies*: MICH, MO, NY, US, USDA. – Contr. U.S. natl. Herb. vol. 21.

"It goes without saying that the nomenclature of the District Flora follows the American Code, rather than the so-called International Code forced down the throats of the Vienna Botanical Congress by a German majority and further manipulated by the same majority at the Brussels Congress; we can well understand why the French have never recognized it as valid, and why anybody but Germans or Austrians should so regard it has always been a puzzle, especially as the American Code is much more logical and cuts out autocracy. Internationalism is proving a dangerous principle to play with, and in many aspects has much to condemn it.

The Washington botanists have followed the American Code consistently in almost every item except the use of duplicate binomials; they do not say why these have not been used; zoölogists have used them for many years without losing sleep, and *Sassafras* runs well with *Corvus Corvus*. We must, I suppose, conclude that our colleagues of the fifteen-mile circle

around the national Capitol, or most of them, simply do not like to say *Catalpa Catalpa*, although by refusing such diction they lose the valuable suggestion that Linnaeus named the tree *Bignonia Catalpa*. Or may it be that they are influenced by the line of thought advanced by Engler at the Vienna Congress when we asked him why he objected and he told us principally that such names had made some of his students laugh! And so the risibility of juvenile Huns prevented their adoption at that highly amusing convocation". (N. L. Britton (1920), stepping in the shoes of Monroe.) It took another ten years to reach a less "dangerous" international agreement through people like Hitchcock himself, H. M. Hall, Rendle and Briquet.
Ref.: Britton, N. L., Torreya 19: 244-246. 1920.
Britten, J., J. Bot. 58: 119. 1920.
Krause, Bot. Jahrb. 57(Lit.): 69. 1922.

2809. *The genera of grasses of the United States* with special reference to the economic species. Washington [D.C.] (Government Printing Office) 1920. Oct. (*Gen. grasses U.S.*).

Orig.: 20 Mar 1920, p. [1]-307, *pl. 1-20. Copies*: G, MICH, MO, NY, US, USDA; IDC 7557. – U.S. Dept. Agr. Bull. 772. – Nelson (1920): "At the present low ebb of systematic botany, due largely to the deplorable schism over the question of nomenclatorial rules, the appearance . . . is of capital importance . . ."
Revised ed.: Mai 1936, Washington, D.C. (id.). Oct., p. 1-302, *pl. 1-20. Copies*: G, MICH, MO, U, US(2).
Ref.: Nelson, Torreya 20: 84-88. 1920.

2810. *Revisions of North American grasses*. Washington [D.C.] (Government Printing Office) 1920-1921. Oct. (*Revis. N. Amer. grasses*).
Co-author: Mary Agnes Chase, née Merrill (1869-1963).
Publ.: in three parts, p. [1]-77, 29 Mar 1920; 115-208, 1 Nov 1920; 209-234, 12 Feb 1921; accompanied by *pl. 1-32. Copies*: U, US. – Contr. U.S. natl. Herb. 22(1), (3), (4).

2811. *Grasses of British Guiana*. Washington [D.C.] (Government Printing Office) 1922. Oct. (*Grasses Brit. Guiana*).
Publ.: 24 May 1922 (stamp in some copies), p. [i]-v, *pl. 53, 439-515, vii-x. Copies*: U, US. – Contr. U.S. natl. Herb. 22(6), 1922.

2812. *The grasses of Hawaii*. Honolulu, Hawaii (Bishop Museum Press) 1922. (*Grasses Hawaii*).
Publ.: 1922 (J. Bot. Sep 1922), p. [i*], [i-iii], 3(= 101) - 132(= 230), *pl. 31-35. Copy*: US. – Reprinted from Mem. Bernice Pauahi Bishop Mus. 8(3): 101-230. 1922.

2813. *The North American species of Aristida*. Washington [D.C.] (Government Printing Office) 1924. Oct. (*N. Amer. Aristida*).
Publ.: 21 Mai 1924 (stamped copy at US), p. [i]-v, 517-586, vii-viii. *Copy*: US. – Contr. U.S. natl. Herb. 22(7), 1924.

2814. *The North American species of Stipa*. Synopsis of the South American species of Stipa. Washington [D.C.] (Government Printing office) 1925. (*N. Amer. Stipa*).
Publ.: 20 Nov 1925 (stamp in copy US; see also p. ii), p. [i]-vii, 216-262, 263-289, ix-xi, *pl. 50-52. Copy*: US.
Ref.: Britton, Torreya 26: 93-95. 30 Oct 1926.

2815. *Methods of descriptive systematic botany*. New York (John Wiley & Sons, Inc.), London (Chapman & Hall, Limited) 1925. (*Meth. syst. bot.*).
Publ.: 1925 (p. iv: Jun 1924; Bryologist 24 Oct 1925), p. [i]-vii, [1]-216. *Copy*: US.
Ref.: Jennings, O.E., Bryologist 28(4/5): 69-70. 24 Oct 1925.

2816. *The grasses of Ecuador, Peru and Bolivia*. Washington [D.C.] (Government Printing Office) 1927. Oct. (*Grasses Ecuador*).
Publ.: 4 Mai 1927 (stamp in some copies; also p. ii). p. [i]-v, 291-556, vii-xx. *Copies*: US, USDA. – Contr. U.S. natl. herb. 24(8). 1927.

2817. *Grasses of Canton and vicinity.* Canton, China, June, 1929. (*Grasses Canton*).
Publ.: Jun 1929 (date printed on cover) or 4 Mar 1931 (note on the two copies at US), reprint with special cover from Lingnan Science Journal 7: 177-265. 1929 (1931); add., corr. in 10: 339-340. Aug 1931. *Copies*: US(2).

2818. *The grasses of Central America.* Washington [D.C.] (United States Government Printing Office) 1930. Oct. (*Grasses C. Amer.*).
Publ.: 12 Feb 1930 (p. ii), p. [i, iii, v], 557-762, xii-xvi. *Copies*: MO, NY, US, USDA. – Contr. U.S. natl. Herb. 24(9). 1930.

2819. *Location of type specimens.* [Washington, D.C. (Smithsonian Institution)] s.d., 2 pars [1934-1935], mimeographed, one-sided. (*Loc. type spec.*).

List 1: Fall 1934, p. 1-19. *Copy*: FAS.
List 2: 9 Aug 1935, p. 1, 1bis, 2-28. *Copy*: FAS.

Lists issued by Hitchcock on behalf of the Committee on nomenclature of the Botanical Society of America, constituting a forerunner of the modern type-registers. The publication of these lists was not continued, because of Hitchcock's death on 16 Dec 1935 after returning from Amsterdam where he had distributed his lists among some of the participants.

2820. *Manual of the grasses of the United States.* [headline:] United States Department of Agriculture Miscellaneous Publication no. 200. Washington D.C. (United States Government Printing Office) 1935. 16mo. (*Man. Grasses U.S.*).

Ed. 1: 1-11 Mai 1935 (Hitchcock's copy marked in unknown hand: 1 Mai 1935; US copy stamped 11 Mai 1935; MO copy dated 5 Mai), p. [i], 1-1040. *Copies*: FAS, G, MICH, MO, U, US(3), USDA. – The date Feb 1935 on the original was corrected to Mai 1935 on the t.p. of the "1950" reprint.
Ed. 2: revised by Mary Agnes Chase (1869-1963), Washington [D.C.] (id.) 16-mo. 1950, *publ.* 12 Feb 1951 (t.p.; stamped copy US), p. [i], 1-1051. *Copies*: MICH, MO(2), U, US, USDA.
Ed 2, reprint: New York (Dover Publications Inc.) s.d. [1971], ISBN 0-486-22717-0, 2 vols., 1: [i], 1-569, 2: [i, iii], [569]-1051. *Copy*: US.

"The synonymy alone (207 pages of it!) will be worth the price of the whole book to the pestered systematist" (Science News Letter 25 Mai 1935). Actually, the price of the book was only US $ 1.75.
Ref.: Rendle, A. B., J. Bot. 74: 28-29. Jan 1936 ("May Dr. Hitchcock long continue working at Grasses!" H. died 16 Dec 1935).

2821. *Manual of the grasses of the West Indies* . . . Washington [D.C.] (Government Printing office) 1936. Oct. (*Man. grasses W. Ind.*).
Publ.: Nov 1936 (p. 1), p. [i], 1-439. *Copies*: NY, U, US. – Misc. Publ. no. 243, U.S. Dept. Agr.

Hitchcock, Charles Leo (1902-x), American botanist in the Pacific Northwest. (*C. Hitchc.*).

HERBARIUM and TYPES: Mainly at WTU; duplicates in many herbaria.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 182; BFM 1588; Bossert p. 177; Hortus 3: 1195; IH 1(ed. 6): 252, 2: 278; Kew 2: 696; Langman p. 372; NAF ser. 2. 5: 242. 1965.
Ewan, J. Madroño 19: 32. 1967.
Kruckeberg, A., Madroño 387-390. 1970 (portr.; tribute to "Hitchy" from Calif. Bot. Soc.).
McVaugh, R., Contr. Mich. Univ. Herb. 9: 248. 1972 (Mexican itin.).
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 209. 1963.
Reveal, J., *in* Cronquist, A. et al., Intermountain Flora 1: 70. 1972 (portr.).
Stafleu, F. A., Taxon 19: 131-132. 1970 (on Hitchcock et al., Vascular plants of the Northwest), see also Taxon 23: 207. 1974.

Hitchcock, Edward (1793-1864), American geologist and botanist; educated as clergyman; professor at Amherst College 1825-1864; state geologist of Massachusetts 1830-1833 and 1841-1844; id. of Vermont 1857-1860. (*E. Hitchc.*).

HERBARIUM and TYPES: AC; on loan at MASS.
Ref.: Day, Rhodora 3: 68. 1901.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 182; BM 2: 849-850; CSP 3: 365-367, 15: 870; Frank 3(Anh.): 44; GR p. 223; Hortus 3: 1195 ("E. Hitchc."); IF p. 703; Jackson p. 364; Kew 2: 696; Krempelhuber 3: 82; LS 12349-12351; ME 1: 195 (list biogr.), 3: 597-598; Merrill 307-315, 723-724, *pl. 13* (portr.); PR 4094 (ed. 1: 4522); Quenstedt p. 203; Tucker 1: 343; Zander ed. 10, p. 670.
Barnhart, J. H., Mem. Torrey bot. Club 16: 294. 1921.
Clarke, J. E., James Hall of Albany 560. 1923.
Hitchcock, E., Reminiscences of Amherst College, Northampton, Mass. 1863, vii, 412 p. (bibl. p. 379-391), (fide ME).
Lesley, J. P., Biogr. Mem. Nat. Acad. Sci. 1: 113-134. 1877.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 98, 305, 364, 567, 1963.
Rodgers, A. D., John Torrey 119, 179, 212, 275. 1942.
Wittrock, V. B., Acta Horti Berg. 3(2): 179. 1903.
Youmans, W. J., Pioneers Sci. Amer. 290-299. 1896.

2822. *Catalogue of plants* growing without cultivation *in the vicinity of Amherst College* . . . Amherst (J. S. and C. Adams, and Co . . .) 1829. Qu. (*Cat. pl. Amherst Coll.*).
Publ.: 1829 (p. iii: 1 Aug 1829), p. [i-iv], [1]-64. *Copy*: NY.

2823. *Catalogues of the animals and plants of Massachusetts.* With a copious index. Amherst (published by J. S. and C. Adams) 1835. Qu. (*Cat. anim. pl. Massachusetts*).
Publ.: 1835, p. [1]-142. *Copy*: MO.

Hjaltalín, Oddur Jönsson (1782-1840), Icelandic botanist and regional physician. (*Hjaltalín*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 183 (Hjaltelin).
Warming, Bot. Tidsskr. 12: 123. 1880 (also err. "Hjaltelin").

2824. *Íslenzk grasafraedi* af Ó. J. Hjaltalín, Districkskírúrgus. Útgefin ad Tilhlutun hins Íslenzka bókmentafélags. Kaupmannahöfn (i prentsmidju N. G. F. Kristensens Ekkju. Prentud af J. D. Kvist) 1830. Oct.
Publ.: 1830, p. [1]-379. *Copies*: HH, NY.

Hjelt, Albert Hjalmar (1851-1925), Finnish botanist and high school teacher; Dr. phil. Helsinki 1892; high school teacher at Helsinki 1877-1878, lecturer at Nykarleby 1878-1879, from 1879-1909 idem at the lyceum of Vasa; from 1911-1917 school inspector. (*Hjelt*).

HERBARIUM and TYPES: H.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 183; BL 2: 60, 63, 73, 80, 668; BM 2: 850, 6: 468; Bossert p. 77; IH 2: 278; Kew 3: 1; KR p. 297-298; LS 34572; Rehder 5: 395; Saelan p. 172-174; Tucker 1: 343.
Collander, R., Hist. bot. Finland 155 [index]. 1965; Collander et al., Acta Soc. Fauna Flora Fenn. 81: 165-166. 1973.
Lindberg, Soc. Sci. Fenn. Årsbok-vuosikirja 6B(3): 1-21. 1928 (portr., bibl.).
Linkola, Luonnon stävä 30: 1-6. 1926 (portr.).
Palmgren, Mem. Soc. Fauna Fl. fenn. 2: 71, 75-76, 86, 90-91. 1927.

COMPOSITE WORKS: See Saelan, Kihlman and Hjelt, *Herbarium musei fennici*, ed. secunda, pars 1. 1889.

2825. *Notae conspectus florae fennicae.* Helsingforsiae (ex officina typographica heredum J. Simelii) 1888. Oct. (*Not. consp. fl. fenn.*).
Publ.: Dec 1888, p. [1]-20, [1-4]. *Copies*: G, H. – Reprinted from Acta Soc. Fauna Fl. fenn. 5(1, Bihang).

2826. *Conspectus florae fennicae.* Helsingforsiae (ex typographica heredum J. Simelii) 1888-1895, 3 parts. Oct. (*Consp. fl. fennic.*).

Vol. 1: Pteridophyta, Gymnospermae, Monocotyledonae. Acta Soc. Fauna Fl. fenn. vol. 5. *Copies*: BM, MO, U.
Pars 1: Dec 1888-Mar 1889 (printing finished 15 Nov 1888; Bot. Not. 3 Apr 1889; Nat. Nov. Dec 1890), p. [i*, t.p. journal], [i], [1]-107, 2 maps. Acta 5(1).
Pars 2: Apr-Mai 1892 (id. 15 Mar 1892; Bot. Not. 15 Sep 1892; Nat. Nov. Jul 1893), p. [i], [109]-258. Acta 5(2).
Pars 3: 2 Mar 1895 (id. 15 Feb 1895; Bot. Not. 15 Mai 1895; Nat. Nov. Apr(1) 1896), p. [i], [259]-562. (Acta 5(3).
Vol. 2: Dicotyledonae. Acta Soc. Fauna Fl. fennica. *Copies*: MO, U.
Pars 1: Jun-Oct 1902 (id. 12 Mai 1902; Bot. Not. 1 Nov 1902; Nat. Nov. Mai(1) 1903; Bot. Zeit. 1 Jul 1903), p. [i], [1]-261. – Acta 21(1).
Pars 2: Dec 1906 (id. 21 Dec 1906; Bot. Not. 2 Apr 1907; Nat. Nov. Jun(2) 1907), p. [i,iii], [1]-410. – Acta 30(1).
Pars 3: Nov-Dec 1911 (id. 2 Nov 1911; Nat. Nov. Feb(2) 1912), p. [i-v], [1]-411. – Acta 35(1).
Pars 4: 1919 (id. 29 Mar 1919), p. [i], [1]-502. – Acta 41(1).
Pars 5: Mar-Aug 1923 (id. 3 Mar 1923; J. Bot. Sep 1923), p. [i], [1]-450. – Acta 51(1).
Pars 6: 1926 (id. 13 Sep 1923), p. [i-iii], [1]-397. – Acta 54., with frontisp. portr. of author. – Edited by K. Linkola.

The dates of printing appear on the sheets: they are not the dates of publication.
Imprints: vol. 1 as in heading; vol. 2, parts 1-4: "Ex officina typographica "Handelstryckeriet". 5: id. Holger Schildt, 6: id. A.-B. F. Tilgmann.
Facsimile ed.: announced by Koeltz.
Ref.: Anon., Bot. Centralbl. 39: 331-332. 1889, 53: 326-326. 1883, id. Beih. 5: 509-510. Linkola, K., Luonnon Ystävä 30: 153-155. 1926.

2827. *Kännedomen om växternas utbredning i Finland* med särskildt afseende å fanerogamer och ormbunkar. Helsingfors (J. Simelli arfvingars boktryckeri aktiebolag) 1891. Oct. (*Känned. växt. utbr. Finland*).
Publ.: Shortly before 29 Apr 1891 (date of thesis; publ. in journal before 13 Mai 1890; Nat. Nov. Sep 1891; Bot. Not. 15 Sep 1891), p. [i], [1]-152, 3 charts. *Copies*: BR, H, MO. – Acta Soc. Fauna Fl. fenn. 5("2") [= 1a, see 2826 1(2)] 1891. Also published as an academic dissertation with a separate t.p. "*Kännedomen* . . . ormbunkar. Akademisk afhandling . . . 29 Apr 1891, kl. 10 f.m." (*Copy*: H). – The thesis issue therefore came out a few weeks earlier that the trade issue (note by P. Isoviita, added in proof).

Hobkirk, Charles Codrington Pressick (1837-1902), British (Yorkshire) banker, local historian, and bryologist at Huddersfield and Dewsbury; after retirement in 1897 at Horsforth and Ilkley. (*Hobk.*).

HERBARIUM and TYPES: DSY; further material at K, MANCH and F.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 184; BB p. 150; BL 2: 277, 668; CSP 3: 370, 7: 992, 10: 242, 12: 336, 15: 874; Desmond p. 312; IH 2: 278; Jackson p. 559; Kew 3: 1; Langman p. 372; LS 12352; Rehder 5: 395; SBC p. 122 ("Hobk."); Tucker 1: 343.
Anon., Bot. Not. 1903: 34; J. Bot. 40: 400, 431. 1902; Proc. Linn. Soc. London 115: 30-31. 1903.
Hobkirk, C. C. P., Huddersfield: its history and natural history, 1859 (incl. list of plants on p. 173-205).
Husnot, T. H., Rev. bryol. 29(6): 131. 1902.
R. [Thomas Rogers?], The Naturalist 1903: 105-108 (portr.).

COMPOSITE WORKS: (1) Anonymous editor of *The Naturalist* 1864-1867; editor with George T. Porritt 1872-1884.
(2) *The London catalogue of British mosses*. Compiled for the Botanical Record Club by C. P. Hobkirk and H. Boswell, Welwyn, 1877, 11 p. (for ed. 2 see F. A. Lees).
(3) Hobkirk also published "pure literature" under the pseudonym H. P. Carlton.

HANDWRITING: The Naturalist 1903: *pl. II.*

2828. *A synopsis of the British mosses*, containing descriptions of all the genera and species, (with localities of the rarer ones) found in Great Britain and Ireland, based upon Wilson's "Bryologia britannica", Schimper's "Synopsis", etc. . . . London (L. Reeve & Co., . . .) 1873. Oct. (in fours). (*Syn. Brit. mosses*).

Ed. 1: 1873 (p. vi: Feb 1873), p. [i]-vii, [viii], [1]-196. *Copies*: B, BR, G, FH, MO, NY, USDA. – Subscription announcement: Bull. Soc. bot. France 19 (Bibl.): 97. Nov. 1872.
Ed. 2: 1884 (p. viii: 1 Mai 1884; Bot. Zeit. 26 Sep 1884), p. [i]-viii, [ix-xii], err. slip, [1]-240. *Copies*: L, NY. – "*A synopsis of the British mosses* being descriptions of all the genera and species found in Great Britain and Ireland to the present date . . . second edition, revised, corrected, and entirely rearranged." London (L. Reeve & Co.) 1884. Oct.

Hobson, Edward (1782-1830), British self-taught bryologist, entomologist and geologist at Manchester, correspondent of R. K. Greville and W. J. Hooker. (*Hobs.*).

HERBARIUM and TYPES: Manchester Botanical Society; further material at BM, K and OXF, partly as "*Musci britannici*, a collection of specimens of British mosses and hepaticae, collected in the vicinity of Manchester," 2 vols. Manchester 1818-1822, for details see Sayre 1975.
Ref.: Sayre, G., Mem. New York Bot. Gard. 19(3): 339. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 184; BB p. 150; Desmond p. 312; DNB 27: 51; IH 2: 278.
Dallman and Wood, Trans. Liverpool bot. Soc. 1: 76. 1909.
Moore, Mem. Lit. philos. Soc. Manchester ser. 2. 6: 297-324. 1842.
Pearson, Bryologist 23(3): 36-37. 1920 (on the brothers Edward and William H.).

EPONYMY: *Hobsonia* M. J. Berkeley ex Massee (1891) is dedicated to Julian Campbell Hobson (*fl.* 1875), English military officer, collecting e.g. in India.

Hochreutiner, Bénedict Pierre Georges (1873-1959), Swiss botanist and theologist; assistant to Briquet (1896); in Indonesia 1903-1905; at the Conservatoire botanique de Genève 1906-1943; specialist on Malvaceae and on the flora of S. Algeria. (*Hochr.*).

HERBARIUM and TYPES: G. – Exsiccatae: *Plantae bogorienses exsiccatae novae vel minus cognitae*, Java 1904, 162 nos., sets at B, BO, BR, G, K, L, MO, NSW, NY, P, W, Z. (for schedae see no. 2829). – Most of H's types are at G; others at P.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 369; Barnhart 2: 184; BJI 2: 77; BL 1: 19, 301; BM 6: 470; Bossert p. 177; CSP 13: 809, 14: 209, 15: 876; Hortus 3: 1195 ("Hochr."); Kew 3: 2-3; Langman p. 372; Lasègue p. 109; Lenley p. 224; MW p. 183, suppl. p. 109; Rehder 5: 395; Roon p. 52; SK 1: 223-224 (itin., portr.), 4(2): c, 8: xliv; TL-2/966; Tucker 1: 344; Urban-Berl. p. 357.
Baehni, C., Candollea 17: 8-24. 1959 (portr., bibl.), Taxon 8: 81-83. 1959 (portr.), Actes Soc. helvét. Sci. nat. 139: 408-417. 1959 (portr.).
Hall, N., Botanists of the Eucalypts 68-69. 1978.
Hochreutiner, B. P. G., Curriculum vitae, Genève 1901, 6 p.; 1931, 14 p. (bibl.); Annu. Cons. Jard. bot. Genève 15/16: 148-151. 1912 (itin.); La philosophie d'un naturaliste (deuxième version), Boissiera 6: 1-217. 1941 (autobiographical, ideas) (ed. 1, Genève 1911).
Jentzer et al., Bull. Inst. natl. Genevois 60: 3-17. 1960 (portr.).
Maire, R., Progr. connaiss. bot. Algérie 154, 185. 1931.

Merrill, E. D., Contr. natl. Herb. U.S. 30(1): 152. 1947 (Pacific botany).
Sayre, G., Mem. New York Bot. Gard. 19(3): 339. 1975.
Stafleu, F. A., Boissiera 11: xxi-xxiii. 1965.

COMPOSITE WORKS: (1) founder and editor of *Boissiera*, vol. 1-6, 1935-1941.
(2) Humbert, H., *Fl. madagasc.*, fam. 129, *Malvaceae*, Paris 1955.
(3) *Plantae Hochreuterinanae*, Annu. Cons. Jard. bot. Genève 15: 147-247. 1912, Candollea 2: 317-513. 1925, 5: 175-341. 1934, 6: 397-488. 1936, 8: 47-60. 1940, 9: 380-493. 1943.

FESTSCHRIFT: Boissiera, vol. 7, 1943; with biographical introduction by Eugène Pittard, and portrait.

EPONYMY: *Hochreutinera* A. Krapovickas (1970).

2829. *Plantae bogorienses exsiccatae* novae vel minus cocnitae [sic] quae in horto botanico coluntur . . . Bogor [Buitenzorg] (typis Instituti botanici bogoriensis) 1904. Oct. (in fours). (*Pl. bogor. exs.*).

Publ.: Dec 1904 (p. 6: 1 Dec 1904; Nat. Nov. Jan(1) 1905, Jun(1) 1905), p. [i*], [i]-ix, [1]-75. *Copies*: HH, MO, U, US, USDA. – Schedae accompanying above-mentioned exsiccatae.
Catalogus bogoriensis novus, fasc. 1, p. [i], [1]-48, *in* Bull. Inst. bot. Buitenzorg no. 19, 1904; fasc. 2, p. [i], [1]-132, *in* id. no. 22, 1905; index, p. [i], [1]-22. Typis Instituti botanici Bogoriensis 1908. *Copy*: U. – (*Cat. bogor. nov.*).

2830. *Le Sud-Oranais* études floristiques et phytogéographiques faites au cours d'une exploration dans le Sud-Ouest de l'Algérie en 1901 . . . Avec 5 zincogravures ou vignettes dans le texte et 22 planches. Mission officielle de la ville de Genève en 1901 . . . Genève (Imprimerie Romet) 1904. Oct. (*Sud-oranais*).
Publ.: 15 Apr 1904 (t.p. and p. 255; Nat. Nov. Feb(2) 1905), p. [i]-iv, [1]-255, *pl. 1-22* with text. *Copy*: L. – Reprinted from Annu. Cons. Jard. bot. Genève 7/8: [22]-276. 1904.

2831. *Monographia generis Arthroclianthi Baill.* . . . Genève (Edition Atar . . .) 1909. Oct. (size). (*Monogr. Arthroclianth.*).
Publ.: 15 Aug 1909, p. [i-ii], [1]-17 [alt. pag. [30]-46]. *Copies*: G, NY, U. – Reprinted with independent pagination from Annu. Cons. Jard. bot. Genève 13: 30-46. 1909.

Hochstetter, Christian Ferdinand (1787-1860), German botanist, clergyman (Stadtpfarrer), and professor at the teacher's college at Esslingen; founded and led the Esslinger Reiseverein (Unio itineraria) with E. G. Steudel. (*Hochst.*).

HERBARIUM and TYPES: TUB. – Plants collected by Hochstetter on his voyage to Portugal, Madeira and the Açores (1838) and in Central Europe are in many herbaria (see IH). M. Seubert's *Flora azorica* of 1844 is based on the collections by Hochstetter and his eldest son Karl Christian Friedrich (1818-1880).

NOTE: Ascherson et Graebner, Syn. (2): 465 (1904) point out that H's name was Christian Ferdinand, not Friedrich (as in PR). – Hochstetter's sons were Karl Christian Friedrich (1818-1880), Wilhelm Christian (1825-1881), and Christian Gottlob Ferdinand [later Ritter von] Hochstetter (1829-1884); the latter was geologist on the Novara expedition, and collected ferns in Indonesia.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 465, 5(1): 687; Backer p. 269; Barnhart 2: 184; BM 2: 851; Bossert p. 177; Clokie p. 184; CSP 3: 370-371, 6: 689; DTS 1: 119, 6(4): 153; Frank 3(Anh.): 44; GR p. 20, cat. p. 65; Hawksworth p. 183; Hortus 3: 1195 ("Hochst."); IH 2: 278; Jackson p. 559 [index]; Kew 3: 3; Klášterský p. 92-93; KR p. 298; Langman p. 372; PR 3966, 4100-4104, 8633 (ed. 1: 4531-4533); Rehder 5: 395; RS p. 87; SBC p. 122 ("Hochst."); TL-2/1620; Tucker 1: 344; Urban-Berl. p. 287, 302, 357; WU 9: 74; Zander ed. 10, p. 670.
Anon., Flora 43: 143-144. 1860; Bot. Zeit. 19: 109-111. 1861.

Baur, Jahrb. Gesch. Oberdeut. Reichstädte 16: 229-265. 1970 (on H's rôle in the work of the Esslinger Reiseverein).
Dolezal, H., Friedrich Welwitsch 37-38, 40, 44, 134, 163. 1974.
Habacher, Jahrb. Gesch. Oberdeut. Reichstädte 16: 172-227. 1970 (on H. and K. L. v. Reichenbach).
Hausmann, F., Fl. Tirol 3: 1180-1181. 1854.
Helm, J., Kulturpflanze 14: 351. 1966.
Hochstetter, C. F., *in* J. B. Heindl, Galerie berühmter Pädagogen 243-270. 1859 (fide Baur 1970). (extract Bot. Zeit. 19: 109-111. 1861).
Hochstetter, Fr., M. Christ. Ferd. Hochstetter, Pfarrer . . . Berlin 1924 (fide Baur 1970).
Hrabetova-Uhrova, Jahrb. Gesch. oberdeut. Reichstädte 16: 168-171. 1970 (on H's botanical work in Moravia).
Künkele, S., Jh. Ges. Naturk. Württemberg 125: 150. 1970 (herb.).
Lehmann, E., Schwäbische Apotheker 205. 1951.
Pluskal, F. S., Verh. zool.-bot. Ver. Wien 6(Abh.): 364-365. 1856.
Sayre, G., Mem. New York Bot. Gard. 19(1): 50. 1969 (activities in Unio itin.).
Schlechtendal, D. F. L. von, Bot. Zeit. 18: 83-84. 2 Mar 1860.

COMPOSITE WORKS: (1) With E. G. Steudel, *Enumeratio plantarum Germaniae*, 1826, see under Steudel.
(2) C. F. Hochstetter published a second edition of the part dealing with plants of G. H. v. Schubert, *Lehrbuch der Naturgeschichte*, (*Naturgeschichte des Pflanzenreiches in Bildern*), Esslingen (Verlag von J. F. Schreiber) 1865 (PR 4104). A third edition was edited by Moritz Willkomm, Esslingen (id.) 1870; this ed. was reprinted in "Stereotyp-Abdruck" at least six times (no. 6, 1879). See Schubert, G. H. v.

HANDWRITING: Monogr. biol. canar. 4: 34. 1973 (fig. 30).

EPONYMY: *Hochstetteria* A. P. de Candolle (1838).

2832. *Populäre Botanik*, oder fassliche Anleitung zur Kenntnis der Gewächse, besonders der in Deutschland und in der Schweiz am häufigsten wildwachsenden Arten, wie auch der deutschen Culturpflanzen und der merkwürdigsten Gewächse der wärmern Länder. Zum Gebrauch und Selbstunterricht der Erwachsenen und der Jugend, überhaupt aller derer, die mit der Pflanzenwelt näher bekannt zu werden wünschen, besonders der Schullehrer und Schulgehülfen, der Gymnasial- und Realschüler, junger Pharmaceuten und aller Jünglinge und Töchter aus den gebildeten Ständen . . . Reutlingen (Im Verlage der lithographischen Anstalt von Joh. C. Mäcken, jun.) 1831. Oct. (*Pop. Bot.*).

Ed. 1: 2 parts, 1831. *Copies*: NY, Regensburg, USDA.
Erster Theil: 1831 (p. [iii]: 3 Jul 1830; p. x: 4 Dec 1830), frontisp. portr. Linnaeus, p. [i*-iii*], [i]-xiv, [1], [1]-808.
Zweiter Theil: 1831, p. [i], [809]-910, [1-60, ind.], *pl. 1-28*, all but *1-3* handcol. liths.
Ed. 2: "Zweite, mit besonderer Rücksicht auf Norddeutschland und die Schweiz vermehrte und verbesserte Ausgabe." Reutlingen (Druck und Verlag von Johann Conrad Mäcken jun.) Oct. *Copies*: NY, Regensburg.
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Editor: Wilhelm Christian Hochstetter (1825-1881).
Note: Vols. 2 and 3 do not have the general t.p. as above, but special t.p.'s, undated, as indicated.

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Publ.: 28 Jun 1841 (in journal), p. [1]-8. *Copies*: G, NY. – Reprinted from Flora 24: 369-377. 28 Jun 1841. To be cited from journal.

2834. *Nova genera plantarum Africae* tum australis tum tropicae borealis. Regensburg 1842. Oct. (*Nov. gen. pl. Afr.*).
Publ.: 1841-1842, p. [i], [1]-32. – Reprint of articles published originally in *Flora* 24: 657-672. 14 Nov 1841, 25: 225-240. 21 Apr 1842. *Copies* of reprint: G, MO, NY (has special t.p. [i]).
Continued: in *Flora* 26: 69-83. 1843, 27: 1-8, 16-32. 1844, 29: 593-600. 1846; 38: 193-206, 273-285, 321-335. 1855. (no reprints seen).

2835. *Die Giftgewächse Deutschlands* und der Schweiz, in lithographirten und colorirten Abbildungen mit erläuterndem Text. Zum Gebrauch in Volksschulen, Realanstalten u. Gymnasien wie auch zum Selbstunterricht, besonders für Pharmaceuten . . . Esslingen (Verlag von J. F. Schreiber) 1844 [i.e. 1843]. Oct. (*Giftgew. Deutschl.*).

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Ed. [2]: Stuttgart und Esslingen (Verlag von Schreiber & Schill) s.d. Fol., *publ.*: 1854 (p. [iii]: Sep 1854), p. [i-iv], [1]-11, [12, ind.], *pl. 1-24* (as in ed. 1). *Copies*: AMD, NY, USDA (plates: [i], *pl. 1-24*).
Ed. 3: "*Unsere wichtigeren Giftgewächse* mit ihren pflanzlichen Zergliederungen und erläuterndem Text zum Gebrauche in Schule und Haus von Dr. Ahles . . . Dritte, gänzlich umgearbeitete Auflage von M. Ch. F. Hochstetter's Giftgewächse Deutschlands und der Schweiz." Esslingen (Verlag von J. F. Schreiber) 1874-1876, 2 parts. Folio.
Part 1: Samenpflanzen- Phanerogamae, *publ.*: 1876, p. [i-vi], [1]-14, *pl. 1-19* (as in ed. 1). *Copy*: NY.
Part 2: Nützliche und schädlichen Pilze (Schwämme), *publ.*: 1876[?] (prospectus in vol. 1 NY copy dated Mar 1875) (n.v.).
Author: Wilhelm Elias von Ahles (1829-1900).
French translation of ed. 3, vol. 2, "*Atlas d'histoire naturelle. Champignons* . . ." Paris (J. Bonhoure et Cie) s.d. [1876]. French text, added to German text, with one set of plates, p. [1]-13, [14, ind.], *pl. 1-30*. *Copy*: Stevenson.

2836. *Die Graspflanze*, Aufbau ihres Halms, Blüthenstandes, ihrer Blüthe und Frucht, nebst morphologischen und taxonomischen Andeutungen, einige andere Pflanzenfamilien betreffend. (Aus dem ersten Heft des Jahrgangs 1847 der Württembergischen naturwissenschaftlichen Jahreshefte besonders abgedruckt.) Mit 13 lithographirten Zeichnungen. Stuttgart. März 1847. Oct. (*Graspflanze*).

Part [1]: t.p. as above, *publ.* Mar 1847, p. [i], [1]-84, *1 pl. Copy*: Regensburg. – Reprinted from Württenbergische naturw. Jahreshefte 3(1): [1]-84, *1 pl.* (lith.) [13 figs. on one plate], *copies* journal publ.: L, MO.
Part 2: ". . . Zweiter Theil. (Besonders abgedruckt aus den Württemberg. naturw. Jahresheften 1848 2tes Heft Seite 144-257, dort unter der Aufschrift: "Fortsetzung der Abhandlung Aufbau der Graspflanze u.s.w." im 1sten Heft des Jahrgangs 1847.). *Publ.*: Dec 1848, p. [i], [1]-114, [115, Nachtr.]. *Copy*: Regensburg. – Reprinted from id. 4(2): [144]-257. 1848. *Copy*: of journal publ.: MO.
Nachträglicher Commentar (to part [1]): Flora 31: 105-118, 121-135, 140-152, 154-167, 171-188. 1848.
Bericht (on part 2): Flora 32: 193-200. 1849.
Ref.: Anon., Flora 31: 105. 21 Feb 1848, 32: 224. 14 Apr 1849.

Hochstetter, Christian Gottlob Ferdinand (Ritter) **von** (1829-1884), German geologist and naturalist; Dr. phil. Tübingen 1852; in Vienna at the Geol. Reichsanstalt (1852-1857); on the Novara expedition (1857-1859); son of C. F. Hochstetter; in New Zealand 1859; professor of geology at the Vienna polytechnic 1860-1876, from 1876-1884 "Intendant" (director) of the k.k. Naturhistorische Hofmuseum; later working mainly on prehistory and ethnology. (*C. G. F. Hochst.*).

HERBARIUM and TYPES: W.
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2837. *Neu-Seeland* . . . Mit 2 Karten, 6 Farbenstahlstichen, 9 grossen Holzschnitten und 89 in den Text gedruckten Holzschnitten. Stuttgart (Cotta'scher Verlag) 1863. Oct. (*Neu-Seeland*).
Publ.: 1863 (p. ix: Dec 1862), p. [i]-xx, [1]-555, [556, err.], *15 plates* (incl. front.), 2 maps. *Copy*: G.

2838. *Paläontologie von Neu-Seeland.* Beiträge zur Kenntniss der fossilen Flora und Fauna der Provinzen Auckland und Nelson von . . . F. Unger, . . . Karl Zitter, . . . E. Suess, Felix Karrer, . . . Ferdinand Stoliczka, . . . Guido Stache, . . . Gustav Jaeger. Redigirt von Dr. Ferdinand von Hochstetter, Dr. Moritz Hörnes und Franz Ritter von Hauer. Mit 26 lithographirten Tafeln [.] Novara-Expedition. Geologischer Theil. I. Band, 2. Abtheilung [Wien 1865]. Qu. (*Paläontol. Neu-Seeland*).
Co-authors and co-editors: Franz Ritter von Hauer (1822-1899); Gustav Jaeger (*fl.* 1865); Moritz Hörnes (1815-1865); Felix Karrer (1825- 1903); Guido Stache (1833-1921); Ferdinand Stoliczka)1838-1874); Eduard Suess (1831-1914); Franz Unger (1800-1870); Karel Alfred Zittel (1839-1904).
Publ.: 1865 (p. vi: Nov 1864), p. [i]-vii, [1]-318, *pl. 1-5, 6-15, 16, 17-20, 21-24, 25-26. Copy*: U. – Contains: F. Unger, *Fossile Pflanzenreste*, p. [1]-13, *pl. 1-5.*

Hochstetter, Wilhelm Christian (1825-1881), German garden inspector at Tübingen, son of C. F. Hochstetter. (*W. Hochst.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 465; Barnhart 2: 185; BM 2: 851; Bossert p. 177; DTS 1: 119, 6(4): 32; Frank 3(Anh.): 44; Hortus 3: 1195 (". Hochst."); Jackson p. 15, 57; Kew 3:3; Langman p. 372; MW p. 183; PR 4105; Rehder 5: 395-396; Tucker 1: 344.
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C.S., Gartenflora 7: 360. 1858.
Salomon, Gartenflora 1881: 359-361.

COMPOSITE WORKS: See Henkel, J. B., *Synopsis der Nadelhölzer* (1865) (TL-2/2639).

2839. *Die Victoria regia.* Ihre Geschichte, Natur, Benennung und Cultur, bearbeitet von Wilhelm Hochstetter, . . . mit einem Vorwort von Dr. Hugo v. Mohl, . . . Mit einer colorirten Abbildung. Tübingen (In Commission in der Buchhandlung zu Guttenberg (August Ludwig)) 1852. Oct. (*Victoria regia*).
Preface: Hugo von Mohl (1805-1872).
Publ.: Sep-Dec 1852 (p. vi: 8 Aug 1852), p. [i]-[vii], [1]-64, *1 pl. Copy*: G. – A partial plagarism, see Ed. Löscher, Bot. Zeit. 12: 136. 24 Feb 1854 and Seemann, Bonplandia 1(24): 250-251. 1853. Löscher's *Die Königliche Wasserlilie Victoria regia*, publ. Mar-Jul. 1853, has priority. Hochstetter used this text in an overly liberal way.

2840. *Wegweiser durch den botanische Garten der Kön. Universität Tübingen* . . . Mit einem Situationsplan. Tübingen (Druck und Verlag von E. Biecker) 1860. Oct. (*Wegweis. bot. Gart. Tübingen*).
Publ.: 1860 (p. 4: Jan 1860; Bot. Zeit. 15 Jun 1860; Flora Jun 1860), p. [i], [1]-111, [112, cont.], map. *Copy*: Regensburg.
Ref.: Schlechtendal D. F. L. von, Bot. Zeit. 18: 219-220. 1860.
Anon., Flora 44: 59-60. 1861.

2841. *Die Coniferen* oder Nadelhölzer, welche in Mittel-Europa winterhart sind. Für Landschaftsgärtner, Gartenfreunde, Forstbeamte u.s.w. . . . Stuttgart (Verlag von Eugen Ulmer) 1882. Oct. (*Coniferen*).
Publ.: Oct 1881 (p. vi: 4 Mar 1881; Nat. Nov. Oct (1) 1881; Bot. Zeit. 28 Oct 1881), p. [i]-vi, [1, cont.], [1]-114, *4 pl.* (uncol.). *Copy*: USDA.

Hocquart, Léopold François Joseph (1760-1818), Belgian clergyman, high school teacher and botanist at Ath (Aat), Hainaut (Henegouwen). (*Hocq.*).

HERBARIUM and TYPES: Some material at BR.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 681; Barnhart 2: 185; BL 2: 38; BM 2: 851; IH 2: 279; Kew p. 3; PR 4106 (ed. 1: 4536); Rehder 5: 396; Tucker 1: 344.
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Evens, F. M. J. C., Gesch. algol. Belgie 173. 1944.
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EPONYMY: *Hocquartia* Dumortier (1822).

2842. *Flore du départment de Jemmape*, ou définitions des plantes qui y croissent spontanément, faites d'après le systême de Linnée, à l'usage des élèves en botanique. Par Mr. Hocquart, prêtre, principal et professeur de mathématiques et de botanique au collège d'Ath. Mons (Chez Monjot, imprimeur-librairie) 1814. Duod. (*Fl. Jemmape*).
Publ.: 1814, p. [i]-viii, [1]-303, [304, err.]. *Copies*: BR, NY.

Hodgson, William (1824-1901), English botanist and schoolmaster at Watermillock, and Aspatria, Cumberland. (*Hodgs.*).

HERBARIUM and TYPES: CGE, British material. It is not certain whether this is the original herbarium, which, according to Kent, was formerly at PEN and now "not traced." Other material at OXF (via herb. Haileybury).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 185; BB p. 150; BL 2: 233, 668; BM 2: 852; Clokie p. 184; CSP 15: 879; Desmond p. 313; IH 2: 279 Kew 3: 4; Rehder 5: 396; Tucker 1: 344.
Anon., Bot. Not. 1902: 94; Proc. Linn. Soc. 113: 44. 1901.
Britten, J., J. Bot. 21: 186, 252. 1883, 37: 143. 1899, 39: 191. 1901.
Hodgson, W., Trans. Cumberland Ass. 11: 13-39. 1886 (The hill naturalist).
Kent, D. H., Brit. herb. 60. 1957.
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HANDWRITING: The Naturalist, Leeds, 536: 262. 1901.

EPONYMY: *Hodgsonia* F. von Mueller (1860) and *Hodgsoniola* F. von Mueller (1861) are dedicated to John Hodgson, Australian politician and promotor of Australia's exploration. *Hodgsonia* J. D. Hooker & T. Thomson (1854) is dedicated to Brian Houghton Hodgson (1800-1894), English public servant in India, orientalist, linguist and collector of plants and animals. The etymology of *Hodgsonia* H. Persson 1953 and *Neohodgsonia* H. Persson 1954 could not be established.

2843. *Flora of Cumberland* containing a full list of the flowering plants and ferns to be found in the county, according to the latest and most reliable authorities, by William Hodgson . . . with an introductory chapter on the soils of Cumberland, by G. J. Goodchild . . . Carlisle (W. Meals and Company, . . .) 1898. Oct. (*Fl. Cumberland*).
Introduction: George John Goodchild (1844-1906).
Publ.: 1898 (Bot. Zeit. 1 Mai 1899; Nat. Nov. Mar(1, 2) 1899), map, p. [i]-xxxvi, [1]-398, 3 maps. *Copies*: G, MO, NY, USDA. – "Had the author, when dealing with certain groups of plants, consulted those authorities who are always willing to impart to others the knowledge they have themselves obtained at the expenditure of time, trouble, patience and perseverance, he would have produced a more satisfactory book" (Britten 1899).
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Hodgson, W., Trans. Cumberland Ass. 11: 114-126. 1886, 14: 49-72. 1889 (Bot. Solway).

Höck, Fernando (1858-1915), German botanist, born in Tating, Eiderstedt, later high school teacher at Lackenwalde (Neumark). (*Höck*).

HERBARIUM and TYPES: Some material at B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 186; BFM 1211, 1212, 1213, 1214; BJI 1: 27, 2: 77; BL 2: 32, 668; BM 2: 852, 6: 470-471; CSP 12: 337, 15: 880; DTS 1: 119, 6(4): 153; Kew 3: 5; Langman p. 373; LS 12363; MW p. 183; Rehder 5: 396; Tucker 1: 344-345.
Drude, O., Hercyn. Florenbez. 14. 1902 (Veg. Erde 6).
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2844. *Beiträge zur Morphologie, Gruppirung und geographische Verbreitung der Valerianaceen.* (Erster und Zweiter Theil). Inaugural-Dissertation zur Erlangung der philosophischen Doctorwürde eingereicht bei der philosophischen Facultät zu Kiel von Fernando Höck . . . Leipzig (Wilhelm Engelmann) 1882. Oct. (*Beitr. Valerian.*).
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Hoefer, Jean Chrétien Ferdinand (1811-1878), French historian of science. (*Hoef.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 186; BFM 3236; BM 2: 852; Jackson p. 3, 9, 46, 207; Kew 3: 5; PR 4107; Rehder 5: 396; SO 12476; 2797a; TR 579; Tucker 1: 345.
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2845. *Histoire de la botanique* de la minéralogie et de la géologie depuis les temps les plus reculés jusqu'à nos jours . . . Paris (Librairie Hachette et Cie . . .) 1872. Oct. (*Hist. bot.*).
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Ref.: Anon., Bull. Soc. bot. France 19(Bibl.): 198-199 Mar 1873.

Höfle, Marc Aurel (x-1855), German practicing physician and botanist at Heidelberg. (*Höfle*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 186; BL 2: 583, 668; BM 2: 852; DTS 1: 120, 6(4): 24; PR 4110-4112 (ed. 1: 4538); Rehder 5: 396; SO 850.
Anon., Bot. Not. 1858: 13; Bot. Zeit. 13: 600. 1855; Flora 38: 528. 1855.
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2846. *Die Pflanzensysteme* von Linné, Jussieu, de Candolle nebst tabellarischer Uebersicht der Arznei-, Gift- und Nahrungspflanzen nach de Candolle's System, unter Hinweisung auf das System von Linné, und Angabe der Merkmale der wichtigsten Pflanzenfamilien sowie der einfachen Arzneistoffe von Dr. M. A. Hoefle. (Als Rahmen zu meinen Vorlesungen über medicinische Botanik). Heidelberg (Universitäts-Buchhandlung von Karl Winter) 1845. Fol. (or Qu. in twos). (*Pflanzensysteme*).
Publ.: Jan-Oct 1845 (Flora rd. Sep-Oct 1845, Bot. Zeit. 28 Nov 1845), p. [1]-31. *Copies*: G, M, NY.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 3: 805-806. 28 Nov 1845.
Höfle, M. A., Bot. Zeit. 189-192. 1846 (anti-criticism, with reply by S-l).

2847. *Die Flora der Bodenseegegend* mit vergleichender Betrachtung der Nachbarfloren ... Erlangen (Verlag von Ferdinand Enke) 1850. Oct. (*Fl. Bodensee.*).
Publ.: Jan-Apr 1850 (rd. Regensburg Mai 1850), p. [i]-viii, [1]-175. *Copies*: G, NY, USDA. – "Scheint im Rheinthale nie gewesen zu sein und hat die bezüglichen Standorte aus Sauter, Custer und Gaudin copirt". (Hausmann, F., Fl. Tirol 3: 1180. 1854).
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 8: 751-753. 28 Oct. 1850.

2848. *Grundriss der angewandten Botanik.* Zum Gebrauche bei Vorlesungen und zur Selbstbelehrung für Aerzte, Pharmazeuten und Kameralisten bearbeitet ... Erlangen (Verlag von Ferdinand Enke) 1851. Oct. (*Grundr. angew. Bot.*).
Publ.: 1851 (p. viii: 1 Nov 1850), p. [i]-viii, [9]-268. *Copies*: M, NY.

Höeg, Ove Arbo (1898-x), Norwegian palaeo- and ethno-botanist, at Trondhjems Museum (1926-1947); professor of botany at Oslo (1947-1968); specialist on the fossil floras of the Arctic and in general on palaeozoic floras. (*Höeg*).

HERBARIUM and TYPES: TRH; further material at C, K, LD, O. – All fossil material is at the Palaeontological Museum of Oslo University (inf. O. A. Höeg in litt. 27 Jul 1977).

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 278; Barnhart 2: 186; BL 2: 442, 446, 459, 668; Bossert p. 178; GR p. 713, cat. p. 65; Hirsch p. 125; IH 2: 279; Kew 3: 5; Kleppa p. 325 [index]; LS suppl. 11743-11744; Roon p. 53; SBC p. 122 ("Høeg").
Holmboe, J., Norsk biogr. leks. 6: 422. 1934.

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2849. *Pollen on humble-bees from Novaya Zemlya* ... Kristiania [Oslo] (A. W. Brøggers Boktrykkeri als) 1924 [i.e. 1925] Oct. (*Pollen humble-bees*).
Publ.: Feb 1925, p. [1]-18. *Copy*: FH. – Rep. sci. Results Norw. Exp. Novaya Zemlya 1921, no. 27.

Högberg, Johan Daniel (1823-1843), Swedish student pharmacist and botanist at Strängnäs and Uppsala. (*Högb.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 186; Jackson p. 335; KR p. 313; PR 4113; Rehder 5: 396.

2850. *Svensk flora*, innefattande Sveriges phanerogamvexter, med en kort, förberedande vextlära. För nyhörjare utarbetad och utgifven af D. Högberg. Örebro (på P. M. Lindhs förlag) 1843. Oct. (*Svensk fl.*).
Publ.: Mai-Aug 1843 (Bot. Zeit. 3 Nov 1843; Flora 28 Sep 1843; p. vii: 1 Mai 1843), p. [i]-viii, [3]-92, [1-4]-296, *pl. 1-3*. *Copy*: NY.

Hoehne, Frederico Carlos (1882-1959), Brazilian botanist; at Rio de Janeiro 1907-1917; from 1917-1952 at the botanical institute of São Paulo. (*Hoehne*).

HERBARIUM and TYPES: SP; duplicates in many herbaria.
Ref.: Hoehne, F. C., Indice bibliográfico e numérico das plantas colhidas pela Commissão Rondon, ou Commissão de Linhas telegráphicas . . . de 1908 até 1923. São Paulo, 1951, 400 p. (lists colls. by F. C. Hoehne, J. G. Kuhlmann e.a. as well as the bot. publ. by the Commissão Rondon).
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Kränzlin, F. W. L., Bot. Jahrb. 58(Lit.): 10. 1922 (general review of H's publications 1910-1920).
Pabst, Die Orchidee 10(3): 90-92. 1959 (H's bibliography counts 650 papers and books, in all circa 12.000 printed pages).
Sampaio, Arch. Mus. nac. Rio de Janeiro 22: 43-44. 1919.
Stafleu, F. A., Taxon 8: 209. 1959.
Teixeira, Arq. bot. Est. S. Paulo ser. 2. 3(5): 221-223. 1962 (portr.).

COMPOSITE WORKS: Hoehne's major work, "*Flora brasilica* planejada e iniciada por F. C. Hoehne", started in Sep 1940, falls outside the scope of TL/2. Twelve fascicles were issued up to 1968, with treatments by various authors. Fasc. 12 (1968), Xyridaceae by L. B. Smith and R. J. Downs) appeared under the editorship of Alcides Ribeiro Teixeira.

EPONYMY (genera): *Hoehnea* Epling (1939); *Hoehneella* A. Ruschi (1945); *Hoehnephytum* A. L. Cabrera (1950); (journal): *Hoehnea*. São Paulo. Vol. l-x. 1971-x. *Note*: *Hoehnemonas* B. Skvortzov (1969) is dedicated to Wilson Hoehne, Brazilian botanist.

2851. *Commissão de linhas telegraphicas* estrategicas de Matto Grosso ao Amazonas. Annexo no. 5 Historia natural. *Botanica* . . . Rio de Janeiro, parts 1-13, 1910-1923. Qu. (*Com. lin. telegr., Bot.*).

Part 1: Dec 1910, cover, p. [1]-71, *atlas*: cover, [1, err.], *pl. 1-63*. *Author*: F. C. Hoehne.
Part 2: Aug 1912, cover, p. [1]-15. – *Author*: Hermann August Theodor Harms (1870-1942), Leguminosae.
Part 3: Aug 1912, cover, p. [1]-15, *pl. 64-65*. – *Author*: Célestin Alfred Cogniaux (1841-1916), Melast., Cucurb., Orchid.
Part 4: Aug 1912, cover, p. [1]-33, *pl. 66-79*. – *Author*: F. C. Hoehne.
Part 5: Jan 1915, cover, p. [1]-87, *pl. 80-112*. – *Author*: F. C. Hoehne.

Part 6: Sep 1915, cover, p. [1]-96, *pl. 113, 113a-131*. – *Author*: F. C. Hoehne.
Part 7: 1916, cover, p. [1]-34, *pl. 1-5*. – *Author*: Alberto José de Sampaio (1881-x), Pteridophytas.
Part 8: 1919 (post Jan), cover p. [i], [1]-99, [1, abbrev.], *pl. 132-159*. – *Author*: F. C. Hoehne.
Part 9: 1916 (post Jan), cover, p. [1]-43, *pl. 1690-177*. – *Author*: F. C. Hoehne.
Part 10: Aug 1917, cover, p. [1]-15, *pl. 1-13*. – *Author*: A. J. de Sampaio, Lauraceae.
Part 11: 3 Mar 1922, cover, p. [1]-95, *pl. 1-6*, [1, err.]. – *Author*: João Geraldo Kuhlmann (1882-1958), Gramineas(1).
Part 12: Jul-Aug 1922, cover, p. [1]-28, *pl. 178-192*. – *Author*: F. C. Hoehne.
Part 13: Apr 1923, cover p. [1-4], *1 pl.* – *Author*: J. G. Kuhlmann.

Copies: HH(1-13), NY(1-12), U(1, 4-6), USDA(1-6).
Note: Combines the botanical results of the Rondon commission expedition (1908) and the later Telegraphic lines Commission (1910-1914, publ. through 1923); for a complete list up to 1916 see BM 6: 123-124.
Ref.: Hoehne, F. C., J. G. Kuhlmann et al., Indice bibliográfico e numérico das plantas colhidas pela Commissão Rondon. São Paulo 1951, 400 p.
Ribeiro, Alipio de Mirando, A Commissão Rondon e o Museu nacional. Conferencias. s.l.n.d., 61 p.

2852. *Expedição Scientifica Rosevelt-Rondon.* Annexo n. 2. *Botanica.* Relatorio apresentado ao Snr Coronel de Engenharia Candida Marianno da Silva Rondon, chefe da Commissao Brasileira por F. C. Hoehne botanico da expedição. Rio de Janeiro – Novembro de 1914. (*Exped. Rosevelt-Rondon, Bot.*)
Publ.: Nov 1914, p. [1, cover], [3]-81, 11 photogr. (general), *pl. 1-25* (photographs of plants, 19-20 col.). *Copies*: M, US.

2853. Commissão de linhas telegraphicas estrategicas de Matto-Grosso ao Amazonas (publicaçao n. 38). *Monographia das Asclepiadaceas brasileiras* (Monographia Asclepiadacearum brasiliensium) ou relação e descripção das Asclepiadaceas brasileiras encontradas nos diversos herbarios do Brasil por F. C. Hoehne. Fasciculos i e ii Oxypetalum, R. Br. e Calostigma, Dcne. Rio de Janeiro, em Agoste de 1916. Qu. (*Monogr. Asclep. bras.*).
Publ.: Aug 1916, [fasc. 1]: p. [i]-ix, [1]-131, *pl. 1-59*; [fasc. 2]: [1]-29, *pl. 1-12*; suppl. [1]-13, *pl. 60-62*. *Copies*: U, USDA.

2854. *Album da Secção de botanica do Museu paulista* e suas dependencias, etc. . . . Março – 1925 São Paulo – Brasil. (*Album bot. Mus. paul.*).
Publ.: Mar 1925 (t.p.; US copy rd. 20 Jul 1925; Nat. Nov. Oct 1925), p. [1]-201, [204, note; 205-215, ind.] with 218 unnumbered photogr., and "zincographicas" as well as 5 col. pl. *Copy*: US.

2855. *Monographia illustrada das Aristolochiaceas brasileiras* . . . Manguinhos, 20 de Agosto de 1927. (*Monogr. Aristol. bras.*).
Publ.: 20 Aug 1927 (cover repr.), cover, p. [1]-111, *pl. 16-103* (plain). *Copy*: USDA. – Reprinted from Memorias do Instituto Oswaldo Cruz 20(1): [67]-175, *pl. 16-103* (id.). 1927 (*copy* journal publ.: US).

2856. Secretaria da agricultura, . . . *As plantas ornamentaes da flora brasilica* e o seu papel como factores da salubridade publica, da esthética urbana e artes decorativas nacionaes . . . São Paulo 1930-1936, 2 parts. (*Pl. orn. fl. bras.*).

Part 1: 1930, p. [1]-231, with unnumbered photographs.
Part 2: 1930, p. [i], [233]-408, id.

Copies: MO, US. – Reprinted from various articles in the Boletim da Agricultura.

2857. *Plantas e substâncias vegetais tóxicas e medicinais* . . . S. Paulo, Rio de Janeiro ("Graphicars") 1939. (*Pl. tox. med.*)
Publ.: Aug 1939 (t.p.), p. [1]-355, *pl. 1-26* (col.). *Copy*: MO. – Originally published in *O Estado de São Paulo* 1934-1938. Not confined to plants of Brazil (BL 1: 238).

Höhnel, Franz Xaver Rudolf, Ritter von (1852-1920), Austrian bryologist and mycologist; Dr. phil Strassburg 1877; ultimately (1884, 1888) professor of botany at the Technische Hochschule, Wien. (*Höhn.*).

HERBARIUM and TYPES: FH; other material at B, H, K, L, PAV, PC, W.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 283; Barnhart 2: 186; Bossert p. 179; CSP 10: 256-257, 12: 338, 15: 883-884; DTS 3: xliii, Nachtr.: 2, 6(4): 153; Frank 3(Anh.): 44; GR p. 433-434, cat. p. 65; IH 2: 281; Jackson p. 210; Kew 3: 6-7; Kleppa p. 208; Langman p. 373; LS 12367-12390, 34637-34658, suppl. 11746-12050; Moebius p. 174, 257, 451; Rehder 5: 396; Saccardo 1: 89; SBC p. 122 ("Höhn."); SK p. 236; Stevenson p. 1245; Tucker 1: 345; Urban-Berl. p. 302, 357.
Anon., Alman. Akad. Wiss. 71: 171-173. 1921; Bot. Not. 1921: 14; Deut. Biogr. Jahrb., Überleitungsband 2: 749. 1928.
Beck, G., Vegetationsverh. Illyr. länder 13, 24, 35. 1901. (Veg. Erde 4).
Falck, Mykologische Untersuchungen und Berichte 1: i-vi. 1923 (1924?) (bibl.).
Husnot, T. H., Rev. bryol. 21: 62. 1894, 22: 92. 1895, 25: 53. 1898 (bryol. publ.).
Merrill, E. D., Contr. natl. Herb. U.S. 30(1): 153. 1947.
Stafleu, F. A., Taxon 17: 81-82. 1968.
Weese, Ber. deut. bot. Ges. 38: (103)-(126). 1920 (bibl.).

COMPOSITE WORKS: Contributed to Schneider, C. K., *Illustriertes Handwörterbuch der Botanik*, Leipzig 1905.

NOTE: For publications with Viktor Litschauer see no. 2862.

EPONYMY: *Hoehneliella* Bresadola & P. A. Saccardo ex P. Strasser (1902); *Hoehnelomyces* Neese (1920); *Neohoehnelia* Theissen & H. Sydow (1918).

2858. *Beitrag zur Kenntniss der Laubmoosflora* des Hochgebirgstheiles *der Sierra Nevada* in Spanien. [Wien] 1895. Oct. (*Beitr. Laubm.-Fl. Sierra-Nevada*).
Publ.: Mar 1895 (date Heft S.B., also on p. 1 of reprint; Bot. Zeit. 1 Sep 1895), p. [1]-40. *Copy*: G. – Reprinted from S.B. Akad. Wiss. Wien 104 (1): 297-336. 1895.

2859. *Fragmente zur Mykologie i-xxiv* (1902-1920). *Facsimile* reprint Lehre (J. Cramer) 1967, 2 vols. Oct. (ISBN 3-7682-0467-7). (*Fragm. Mykol.*).
Publ.: The *Fragmente zur Mykologie* were originally published as a series of 24 papers in the Sitzungsberichte der kaiserl. Akademie der Wissenschaften in Wien, Mathem. Naturw. Classe, Abth. 1, volumes 111 (1902)-129 (1920). Each *Fragment* (entry) carries a separate number (1-1214). The 1967 *reprint* includes the *General-Index der Fragmente 1 bis 1000* which must be used to find the entries in the reprint. For parts xix-xxiv it is necessary to use the indexes contained in the individual parts. *Copies*: FAS, NY.
Vol. 1 of reprint:

part	Fragmente	Sitzungsber.	pages S.B.	dates S.B.	"presented"
1	1-63	111	987-1056	Dec 1902	20 Nov 1902
2	64-91	115	649-695	Mai 1906	5 Apr 1906
3	92-155	116	83-162	Jan 1907	7 Feb 1907
4	156-168	116	615-647	Apr 1907	25 Apr 1907
5	169-181	117	985-1032	Oct 1908	22 Oct 1908
6	182-288	118	275-452	Apr 1909	4 Mar 1909
7	289-353	118	813-904	Jun 1909	21 Mai 1909
8	354-406	118	1157-1246	Oct 1909	8 Jul 1909
9	407-467	118	1461-1552	Nov 1909	11 Nov 1909
10	468-527	119	393-473	Mai 1910	12 Mai 1910
11	528-573	119	617-679	Jun 1910	9 Jun 1910
12	574-641	119	877-958	Oct 1910	20 Oct 1910

Vol. 2 of reprint:

part	Fragmente	Sitzungsber.	pages S.B.	dates S.B.	"presented"
13	642-718	120	379-484	Apr 1911	4 Mai 1911
14	719-792	121	339-424	Jun 1912	2 Mai 1912
15	793-812	122	255-309	Feb 1913	24 Apr 1913
16	813-875	123	49-155	Jan 1914	12 Feb 1914
17	876-943	124	49-159	1915	11 Feb 1915
18	944-1000	125	27-138	1916	7 Jan 1916
19	1001-1030	126	283-352	1917	11 Jan 1917
20	1031-1057	126	353-399	1917	11 Jan 1917
21	1058-1091	127	329-393	1918	10 Jan 1918
22	1092-1153	127	549-634	1918	10 Oct 1918
23	1154-1188	128	535-625	1919	26 Jun 1919
24	1189-1214	129	137-184	1920	11 Mar 1920

The original parts were also published as reprints from the Sitzungsberichte, with special covers and independent pagination (the Cramer reprint is based on a set of such reprints). *Copies*: FH, MICH, NY, U, USDA (all (except FH) incomplete).

part	independent pagination	date on cover	approximate date of publ.
1	[1]-70	1902	Dec 1902
2	[1]-47	1906	Mai-Jun 1906
3	[1]-80, *pl. 1*	1907	Mar-Jun 1907
4	[1]-33	1907	Mai-Jun 1907
5	[1]-48, *pl. 1-4*	1908	Nov-Dec 1908
6	[1]-178, *pl. 1*	1909	Mai-Jun 1909
7	[1]-92	1909	Jun-Jul 1909
8	[1]-90, *pl. 1-2*	1909	Nov-Dec 1909
9	[1]-92	1909	Nov-Dec 1909
10	[1]-81	1910	Jun- Aug 1910
11	[1]-63	1910	Jul-Sep 1910
12	[1]-82	1910	Nov-Dec 1910
13	[1]-106	1911	Mai-Jul 1911
13	[1]-86, *pl. 1-2*	1912	Jul-Sep 1911
15	[1]-55	1913	Mai-Jul 1913
16	[1]-107	1914	Mar-Mai 1914
17	[1]-111	1915	Mar-Aug 1915
18	[1]-112	1916	Jul-Sep 1916
19	[1]-70	1917	late 1917
20	[1]-47	1917	late 1917
21	[1]-65	1918	
22	[1]-86	1918	Nov-Dec 1918
23	[1]-91	1919	Jul-Dec 1919
24	[1]-48	1920	

The dates for the Hefte of the Sitzungsberichte cannot always be the dates of publication since the dates on which the manuscripts were presented to sessions of the Academy are sometimes later than the dates appearing on the covers.

Titles: "*Fragmente zur Mykologie* I. bis XVIII. Mitteilung Nr. 1 bis 1000 . . . Wien, 1902 bis 1916, Aus der kaiserlich-königlichen Hof- und Staatsdruckerei in Kommission bei Alfred Hölder . . ."

"Generalindex zu den Fragmenten zur Mykologie I. bis XVIII. Mitteilung Nr. 1. bis 1000 . . . Wien, 1916, Aus der . . . (id.).

"Fragmente . . . (XIX Mitteilung, Nr 1001 bis 1030)" . . . Wien (id.).

"Fragmente . . . (XX Mitteilung, Nr 1031 bis 1057)" . . . Wien (id.).

"Fragmente . . . (XXI Mitteilung, Nr 1058 bis 1091)" . . . Wien (id.).

"Fragmente . . . (XXII Mitteilung, Nr 1092 bis 1153)" . . . Wien (id..

"Fragmente . . . (XXIII Mitteilung, Nr 1154 bis 1188)" . . . Wien (id.).

"Fragmente . . . (XXIV Mitteilung, Nr 1189 bis 1214)" . . . Wien (id.).
Generalindex der Fragmente 1 bis 1000: Wien (aus der kaiserlich-königlichen Hof- und Staatsdruckerei) s.d., p. [1]-69. (publ. 1916; Nat. Nov. Jan 1917) (Index to nos. 1000-1057 in Falck, Mykol. Unters. Ber. 1: ii-iii. 1923).
XXV Mitteilung (Nr 1215 bis 1225), Wien (Hölder-Pichler-Tempsky A.G.) 1923 (Nat. Nov. Mar 1924), cover, p. [89]-118, reprinted from Sitzungsber. 132(4-6): 89-118. 1923. *Copies*: MICH, USDA. – Not reproduced in facsimile ed.; published posthumously.
General review of v. H.'s taxonomic and nomenclatural decisions: "Verzeichnis der von mir gemachten Angaben zur Systematik und Synonymie der Pilze" in Österr. bot. Z. 63(4): 167-171. Apr 1913, 63(6): 232-240. Jun 1913, 63(7): 293-302. Jul 1913, 63(8/9): 374-432. Aug-Sep 1913, 63(10): 422-432. Oct 1913, 63(11): 458-471. Nov 1913, 63(12): 495-510. Dec 1913.

2860. *Mykologische Fragmente* von Prof. Dr. Franz v. Höhnel in Wien. Burg B.M. (Druck von A. Hopfer) 1903-1920. Oct. (*Mykol. Fragm.*).
Publ.: A series of papers published in the *Annales mycologici*, some of which were reprinted with original pagination and new t.p.'s as above. Sets 1-3 (copies at FH) have the imprint Berlin-Potsdam (Druck von A. W. Hayn's Erben); for set 6-8 imprint as above; 10-13 Berlin (R. Friedlaender & Sohn).

set	nos.	Annales mycologici	dates
[1]	1-27	1(5): [391]-414.	30 Sep 1903
[2]	28-41	1(6): [522]-534.	10 Dec 1903
[3]	42-69	2(1): [38]-60.	15 Feb 1904
[4]	70-75	2(3): [271]-277.	31 Mai 1904
[5]	76	3(2): [187]-190.	10 Mai 1905
[6]	77-79	3(4): [323]-339.	20 Sep 1905
[7]	98-105	3(5): [402]-409.	Oct 1905
[8]	106-117	3(6): [548]-560.	10 Feb 1906
[9]	118	8(6): [590].	15 Dec 1910
[10]	119	9(3): [213]-216.	1 Jun 1911
[10]	120-190	15(5): [293]-383.	30 Nov 1917
[11]	191-290	16(1, 2): [35]-174.	31 Jul 1917
[12]	291-314	17(2-6): [114]-133.	10 Jun 1920
[13]	315-333	18(1-3): 71-97.	31 Aug. 1920

Copies: FH, USDA. – We saw no reprints with new t.p.'s of sets 4-5 and 9.

2861. K.K. Technische Hochschule in Wien. *Über exakte und deskriptive Wissenschaft.* Antritts-Rede des Rektors . . . bei der feierlichen Inauguration am 21. Oktober 1905. Wien (Verlag der k.k. Technischen Hochschule) 1905. Oct. (*Exakte descr. Wiss.*).
Publ.: Nov-Dec 1905, p. [1]-20. *Copy*: FH.

2862. *Beiträge zur Kenntnis der Corticieen* . . . Wien (aus der kaiserlich-königlichen Hof- und Staatsdruckerei. In Kommission bei Alfred Hölder, . . .) 1906-1908, 3 parts. Qu. (*Beitr. Cortic.*).
Co-author: Viktor Litschauer (1879-1939).

1: Oct-Dec 1906 (Nat. Nov. Feb(2) 1907), p. [1]-72. – Reprinted from S.B. k. Akad. Wiss. Wien, math. naturw. Klasse 115(1): 1549-1620. Oct 1906.
2: Mai-Aug 1907 (Nat. Nov. Jan(1) 1908), p. [1]-114, *pl. 1-4*. – Reprinted from id. 116(1): 739-852. Mai 1907.
3: Nov-Dec 1908 (Nat. Nov. Mai(1) 1909), p. [1]-44. – Reprinted from id. 117(1): 1081-1124. Oct 1908.

Copy: USDA.
Other publications on Corticieae by Höhnel und Litschauer:
(1) *Revision der Corticieen, in* Dr. J. Schröter's "Pilze Schlesiens" . . . Ann. mycol. 4(3): 288-294. 5 Jun 1906 (also as reprint) (*Copy*: FH).
(2) *Österreichische Corticieen, in* Wiesner Festschrift 56-80. 1908 (*Copy*: FH).

(3) *Westfälische Corticieen*, Österr. bot. Z. 58(9): 329-335. Sep 1908; reprint p. [1]-7. (*Copy*: FH).
(4) *Norddeutsche Corticieen*, Österr. bot. Z. 58(11): 441-444. Nov 1908, 58(12): 470-478. Dec 1908; reprint p. [1]-12 (*Copy*: FH).

2863. *Revision von 292 der von J. Feltgen aufgestellten Ascomycetenformen* auf Grund der Originalexemplare [Wien 1906]. (*Revis. Feltgen Ascom.-Form.*).
Publ.: Aug-Sep 1906, p. [1]-139. *Copy*: FH. – Reprinted from Sitzungsber. Akad. Wiss. Wien, math. nat. Cl. 115(1): 1189-1327. 1906. – Johann Feltgen, Luxemburg mycologist (x-1904). For relevant publications by Feltgen see LS.

2864. *Index zu M. Britzelmayr's Hymemomyceten-Arbeiten* von Prof. Dr. Franz v. Höhnel in Wien [Augsburg 1906] Oct. (*Index Britzelmayr*).
Publ.: Nov-Dec 1906 (Nat. Nov. Dec(2) 1906), p. [3]-177, [178, abbr.]. *Copies*: FH(2). – Reprinted from Ber. naturw. Ver. Augsburg 37: 3-178. 1906. – N.B. This *Index* was accidentally omitted from our treatment of Britzelmayr in vol. 1. (Max Britzelmayr, 1839-1909).

2865. Ergebnisse der botanischen Expedition der kaiserlichen Akademie der Wissenschaften nach Südbrasilien 1901. II. Band. Thallophyta und Bryophyta herausgegeben von Prof. Dr. V. Schiffner. *Eumycetes et myxomycetes*. Bearbeitet von Prof. Dr. Franz v. Höhnel . . . Wien (Aus der kaiserlich-königlichen Hof- und Staatsdruckerei . . .) 1907. Qu. (*Eumyc. myxom.*).
Publ.: 1907, p. [i], [1]-45, *pl. 1* with [1] p. text (uncol. lith.). *Copies*: B, Stevenson. – Reprinted from Denkschr. Akad. Wiss. Wien, mat.-naturw. Kl. 83: 1-45. 1907.

2866. *Verzeichnis der von mir gemachten Angaben zur Systematik und Synonymie der Pilze* . . . Wien (Selbstverlag des Verfassers. – Buchdruckerei Carl Gerold's Sohn) 1914. (*Verz. Syst. Synon. Pilze*).
Publ.: 1914, p. [1]-74. *Copy*: FH. – Reprinted from various issues of Österr. bot. Zeit. 1913, Heft 4-12, between p. 167-510. Type moved. – Important index to all of von Höhnel's mycological publications. Original publication in Ö.b.Z. 1913:

Heft	pages	date	Heft	pages	date
4	167-171	Apr 1913	10	422-432	Oct 1913
6	232-240	Jun 1913	11	458-471	Nov 1913
7	293-302	Jul 1913	12	495-510	Dec 1913
8/9	374-389	Aug/Sep 1913			

Höhnel, Ludwig Ritter von (1857-1942), Austrian naval officer and explorer. (*L. Höhn.*).

HERBARIUM and TYPES: Some material attributed to him at B and H. Most collections are probably filed under S. Teleki.
Ref.: Sayre, G., Mem. New York Bot. Gard. 19(3): 340. 1975.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 853, 6: 471; Kew 3: 7; NDB 9: 320-321; Rehder 5: 397; Urban-Berl. p. 302, 357.
Weese, Ber. deut. bot. Ges. 38: (103)-(126). 1920.

EPONYMY: *Hoehnelia* G. Schweinfurth (1892).

2867. *Zum Rudolph-See und Stephanie-See.* Die Forschungsreise des Grafen Samuel Teleki in Ost-Aequatorial-Afrika 1887-1888 geschildert von seinem Begleiter Ludwig Ritter von Höhnel k.u.k. Linienschiffs-Lieutenant. Mit 179 Original-Illustrationen und 2 grossen Karten in reichem Farbendruck. Wien (Alfred Hölder) 1892. (*Rudolph- Stephanie-See*).
Publ.: [1891-]1892 (p. viii: Mai 1892), in 30 parts as follows (dates Nat. Nov., actual publication possibly in previous month), p. [i]-xviii, [1]-877, 2 maps, 179 ill. *Copy*: Kon. Bibl. 's Gravenhage.

Lieferung	pages	dates	Lieferung	pages	dates
1-3	1-96	Dec 1891	14-17	401-528	Jul 1892
4-6	97-176	Feb 1892	18-19	529-592	Aug 1892
7-8	177-240	Mar 1892	20-24	593-752	Oct 1892
9-13	241-400	Mai 1892	25-30	[i]-xviii, 753-877	Dec 1892

Leader of expedition; Graf Samuel Teleki (1845-1916).
Authors of botanical chapters; (1) Georg August Schweinfurth (1836-1925), Phan., p. 852-868.
(2) Karl August Friedrich Wilhelm Müller (1818-1899), Musci, p. 868-870.
(3) Franx Stephani (1842-1927), Hepaticae, p. 870.
(4) Jean Müller Arg. (1828-1896), Lichenes, p. 871-872.

Hoek, Julie L., later Redeke-Hoek (*fl. 1901*), Dutch botanist at den Helder; married to H. C. Redeke. (*J. Hoek*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 434, 669; Tucker 1: 345.
Cannegieter, Morks Magazijn, Dordrecht 29: 225-233, 1927.

2868. *Flora van Helder* handleiding tot het bestemmen der in en om Helder, Huisduinen en het Koegras wildgroeiende en op openbare plaatsen algemeen aangeplante kruiden, heesters en boomen bewerkt door Julie Hoek en Dr. H. C. Redeke. Te Helder (bij C. de Boer Jr.) 1901. Oct. (*Fl. Helder*).
Co-author: Heinrich Karl Redeke (1873-1945).
Orig. ed.: 1901 (Bot. Zeit. 1 Apr and 1 Jul 1902; Nat. Nov. Dec(1) 1901), p. [i-vi], 1-216. *Copy*: U.
Eerste supplement – Lijst van sedert de uitgave van de flora tot het einde van 1903 nieuw gevonden planten, bewerkt door J. L. Redeke-Hoek en Dr. H. C. Redeke. Te Helder bij C. de Boer Jr. – 1904. Oct., p. [1]-8. *Copy*: U. – Miss Julie Hoek had in the meantime married her co-author.
Ref.: Buchenau, F. G. P., Bot. Zeit. 60(2): 234-235. 1 Aug 1902.

Höppner, Hans (1873-post 1934). German botanist. (*Höppner*).

HERBARIUM and TYPES: *Orchidaceae exsiccatae*, fasc. 1-9. nos. 1-235, ed. 1911-1928, at B, GB, L, U.

BIBLIOGRAPHY and BIOGRAPHY: BFM 51, 52; CSP 15: 886.

2869. *Flora des Westfälisch-Rheinischen Industriegebietes* unter Einschluss der Rheinischen Bucht . . . Dortmund (Verlag von Fr. Wilh. Ruhfus) 1926. Oct. (*Fl. Westf. Industriegeb.*)
Co-author: Hans Preuss (1879-1935).
Publ.: Jul-Aug 1926 (p. [xi]: Easter 1926; Nat. Nov. Aug 1926), p. [iv]-xxviii, 1-381. *Copies*: B(2).

Hoess, Franz (1756-1840), Austrian botanist and forester, professor at the Mariabrunn school of forestry (nr. Wien), later at Windischmarchwitz in Schlesien. (*Hoess*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 187; BM 2: 854; Hortus 3: 1195 ("Hoess"); Kanitz p. 169; PR 4116-4118 (ed. 1: 4545-4547); Rehder 5: 397; Tucker 1: 345; Zander ed. 10, p. 670.
Neilreich, A., Verh. zool.-bot. Ver. Wien 5: 39. 1855.

2870. *Gemeinfassliche Anleitung die Bäume und Sträuche Oesterreichs aus den Blättern zu erkennen.* Zum Selbstunterrichte entworfen von Franz Höss. Wien (Gedruckt bey Anton Strauss's sel. Witwe) 1830. Oct. (*Anleit. Bäume Sträuche Oesterr.*).

Publ.: 1830, p. [i*-xxxii*], [1]-lxxviii, [1, h.t.], [1]-380, [1, err.], *pl. 1-10* (uncol. copper engr.). *Copy*: MO.

Hoeven, Jan van der (1801-1868), Dutch zoologist at Leiden. (*Hoeven*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 269; Barnhart 2: 187; BM 2: 854-855, 6: 472; CSP 3: 380, 383, 7: 995, 6: 689; DSB 6: 453-454; JW 4: 389; Lasègue p. 547; PR 4119 (ed. 1: 4548); Quenstedt p. 204; Rehder 5: 397; SO add. 1241h, 2724.
Harting, Jaarb. k. Akad. Wet. 1868: 1-34. (bibl.).
Groshans, Levensber. Maatsch. Ned. Letterk. 1870: 52-121.
Klaauw, C. J. v.d., Hooger onderwijs zoologie Leiden 8-20, 64-94. 1926.
Huizinga, J., Verz. werken 8: 303. 1951.

2871. *Tijdschrift voor natuurlijke geschiedenis en physiologie.* Uitgegeven door J. van der Hoeven . . . en W. H. de Vriese . . . Amsterdam (1-3: C. G. Sulpke, 4-12: S. en J. Luchtmans) 1834-1845, 12 vols. Oct. (*Tijdschr. nat. geschied.*).
Co-editor: Willem Hendrik de Vriese (1806-1862).
Publ.: for more precise dates see table below. *Copies*: KNAW, MO, NY, Teyler. – The second set of regularly numbered pages in each volume contains the "boekbeschouwingen."

1: [i*-iii*], [i]-vii, [viii], [1]-294, [1, h.t.], [1]-235, ind. [1]-9, *pl. 1-9*. 1834.
2: [i]-vii, [1]-377, [1, h.t.], [1]-171, [1, err.], ind. [1]-8, *pl. 1-9*. 1835.
3: [i]-viii, [vii]-viii [29 Jul 1836], [1]-356, [1, h.t.], [1]-194, ind. [1]-10, *pl. 1-12*. 1836.
4: [i]-viii, [1]-425, [1]-90, [ind. 1-9. err. 10-11], *pl. 1-4, 5a, b, 6-10*. 1837-1838.
5: [i]-viii, [1]-343, [1]-174, [ind. 1-13], *pl. 1-8*. 1838-1839.
6: [i]-viii, [1]-326, [1]-100, [ind. 1-9], [1-2, err.], [1, binder], *pl. 1-12*. 1839.
7: [i]-viii, [1]-468, [1]-84, [ind. 1-11], *pl. 1-10*. 1840.
8: [i]-viii, [1]-412, [1]-136, [ind. 1-21, err. 22], *pl. 1-7* (*6* as "vii", *7* as "vi"). 1841.
9: [i]-viii, [1]-348, [1]-139, [140], [1, binder], *pl. 1-5*, charts A(2), B, C. 1842.
10: [i]-ix, [1]-396, [1, err.], [1]-195, *pl. 1-7*. 1843.
11: [i]-xi, [1, err.], [1]-414, [1]-187, [ind. 1-8], *pl. 1-7*, charts 1-5 (3 as 3-4). 1844.
12: [i]-x, [1]-291, [1]-172, [ind. 1-5], *pl. 1-6*. 1845.

deel (volume)	stuk (part)	pages	*plates*	boekbeschouwing pages	approximate dates
1	1	1-65	*1*	1-90	1834
(1834)	2	67-129	*2-6*	91-198	1834
	3	131-221	*7*	199-224	1834
	4	223-294	*8-9*	225-235	Aug-Dec 1834
2	1, 2	1-?158	*1-2*	1-146, err.	1835
(1835)	3	?159-253	*3-4*	147-160	prob. Jun 1835
	4	255-377	*5-9*	161-171	prob. Feb 1836
3	1	1-87	*1-3*	1-105	prob. Jun 1836
(1836)	2	89-162	*4-9*	106, err.	1836
	3	163-289	*10*	107-167	1836
	4	291-356	*11-12*	169-194	prob. Apr 1837
4	1, 2	1-220	*1*	1-19	Sep-Dec 1837
(1837)-1838)	3, 4	221-425	*2-10*	20, err., 23-90	Feb 1838
5	1, 2	1-150	*1-4*	1-128	Aug-Dec 1838
(1838-1839)	3	151-271	*5*		prob. Dec 1838
	4	273-343	6-8	129, 174, err.	prob. Mar 1839
6	1, 2	1-172	*1-6*	1-59	prob. Mai 1839
(1839)	3	173-243	*7-9*	61-100	prob. Jul 1839
	4	245-326	*10-12*	101-102, err.	
7	1, 2	1-283	*1-7*	1-63	Jan-Jun 1840
(1840)	3, 4	285-468	*8-10*	64, err., 65-84	prob. Nov 1840

deel (volume)	stuk (part)	pages	*plates*	boekbeschouwing pages	approximate dates
8	1	1-126	*1*	1-48	1841 prim.
(1841)	2	127-202	*2-3*	49-72	prob. Mai 1841
	3	203-276	*4*	73-116	prob. Jul 1841
	4	277-412	*5-7*	117-136, err., ind.	prob. Nov 1841
9	1	1-93	*1-2*	1-46	Jun 1842
(1842)	2, 3	95-265	*3-4*	47-82	Aug-Sep 1842
	4	267-348	*5*	83-140, err.	prob. Nov 1842
10	1	1-96	*1*	1-80	Mar-Mai 1843
(1843)	2, 3	97-354, err.	*2-5*	81-126	prob. Sep 1843
	4	355-385	*6-7*	127-195	Oct-Dec 1843
11	1	1-111	*1-3*	1-91	prob. Mai 1844
(1844)	2	113-163	*4-5*	92 (err.) 93-134	prob. Aug 1844
	3, 4	165-215	*6-7*	135-187	prob. Dec 1844
12	1	[1]-76	*1*	1-32	prob. Mai 1845
(1845)	2	77-162		33-70	prob. Jul 1845
	3, 4	163-291	*2-6*	71-172, ind.	prob. Mar 1846

Ref.: Steenis, Kruseman, M. J. van, Fl. males. Bull. 18: 1013-1016. 1963.

Hofberg, Johan Herrman (1823-1880), Swedish botanist; studied at Uppsala, Dr. phil. h.c. Jena 1877; curator of the Royal Armoury at Stockholm. (*Hofberg*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 187; BM 2: 855; KR p. 298.
Wittrock, V. B., Acta Horti Berg. 3(2): 42. 1903; 3(3): 17. 1905.

2872. *Södermanlands phanerogamer och filices* . . . Stockholm (P. A. Huldbergs Boktryckeri) 1852. Duod. (in sixes). (*Södermanlands phan. fil.*).
Publ.: 1852, p. [1]-87. *Copy*: NY.

Hofer, Johannes [Jean] (1697-1781), Swiss botanist. (*Hofer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 187; Dryander 2: 335, 3: 79, 214, 245, 4: 346.

NOTE: Rothmaler (Repert. Sp. nov. 53(1): 29. 1944) dates the two publications by Hofer in Acta helv. (phys.-math.-anat.-bot.-med.) 2: 14-20, and 131-159 at Feb 1755, thus antedating most other 1755 publications in systematic botany. The publication in the same journal 5: 267-268. 1762 cannot so far be dated with further precision.

Hoffberg, Carl Fredrik (1729-1790), Swedish physician and botanist, ultimately court-physician (1762-1788) at Stockholm. (*Hoffb.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 188; BM 2: 855; Dryander 2: 95, 516, 3: 21; GR p. 508; KR p. 298-299; Krempelh. 1: 515; LS 12393; PR 4121 (ed. 1: 4551-4552); Rehder 5: 397; SO 650b, 650c, 650d, 1299, 1823.
Fries, Th. M., Bref Skrifv. Linné 1(1): 84. 1907.
Wittrock, V. B., Acta Horti Berg. 3(2): 42. 1903, 3(3): 17. 1905.

2873. *Anwisning til naturens kännedom.* Första Delen. Om Wäxt-Riket. Efter Herr Arch. och Riddaren von Linnés Botaniska Grunder, författad af Carl Fredr. Hoffberg, M.D. . . . Stockholm [Tryckt hos Johan Georg Lange] 1768. Oct. (*Anwisn. nat. känned.*).

Publ.: 1768, sign. A^1-G^8, p. [1]-81, [82-107, ind.], [109-112, expl. pl.], *pl. 1-10* (uncol. copper engr.). *Copy*: NY. – For second and third edition see no. 2874.

2874. *Anwisning til Wäxt-Rikets kännedom.* Förra delen. Om Wäxternes delar och almänna egenskaper. Sednare delen. De i Swerige wildt wäxande, i trädgårdar, plantager och på åkrar upodlade, samt de namnkunnigaste utländske wäxter; med indelings-ordning, kännemärken, läkedoms och hushålls-nytta, hem-orter, upodlings sätt, m.m. . . . Andra Uplagan, förbättrad och wida tilökt [Stockholm (P. A. Brodin)] s.d. [1784]. Oct. (*Anwisn. Wäxt-Rik. känned.*).

Publ.: 1784 (see p. [21] of index), p. [i-viii], [1]-267, [1-21, ind.], *pl. 1-10*, uncol. copper engr. [1-12, ind.]. *Copies*: NY, USDA. – The subtitle mentions "andra uplagan" (second ed.). This refers to the original publication "Anwisning til naturens kännedom . . . Stockholm (J. G. Lange) 1768. Oct., see no. 2873.

Ed. 3: Stockholm (J. C. Holmberg) 1792. Oct., p. 460, 62, *10 pl.* in collaboration with Anders Johan Hagström (1753-1830).

Hoffmann, Carl [Karl] (1802-1883), German botanist. (*C. Hoffm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 1255; NI 899-900; Rehder 5: 397; SO add. 871a-d.

2875. *Planzen-Atlas nach dem Linné'schen System.* 80 fein colorirte Tafeln mit mehr als 800 Abbbildungen und erläuterndem Text . . . Stuttgart (Verlag von Jul. Hoffmann, K. Thienemann's Verlag) 1881. Qu. (*Pfl.-Atlas Linn. Syst.*).

Ed. [1]: Mar-Dec 1881, p. [i*], [i]-iv, [1]-88, *pl. 1-80* (col. liths.). *Copies*: G, NY. – Published in 12 parts (part 1: Bot. Zeit. 27 Mai 1881, part 12: id. 30 Dec 1881).

Ed. 2: Stuttgart (id.) 1883. Qu., p. [i*], [i]-iv, [1]-88, *pl. 1-80* (id.). *Copy*: B. – NI mentions a second edition of 1897. We have not been able to trace a copy of this reissue.

Ed. 3: Stuttgart 1901. Qu. (n.v.). "Gänzlich umgearbeitet von J. Hoffmann."

Part 1: p. 1-8, *4 pl.* Apr 1901.

Part 2-7: p. 9-56, *24 pl.* Jul 1901.

Part 8-16: p. 57-140, [1-8], *38 pl.* Nov 1901.

Ed. 4: 1910 (Nat. Nov. Apr(2) 1910), unchanged (n.v.).

Ed. 5: 1918 (Nat. Nov. Oct 1918), "umgearbeitet von Eberhard Dennert" (1861-x). (n.v.).

Swedish ed.: *Bilder ur Växtverlden* . . . translation J. Mela, Stockholm 1884, *80 pl.* (Bot. Zeit. 29 Feb 1884) (n.v.).

2876. *Botanischer Bilder-Atlas nach de Candolle's* natürlichem *Pflanzensystem.* Mit über 500 naturgetreuen Pflanzenbildern auf 85 fein kolorierten Tafeln und erläuterndem Text . . . Stuttgart (Verlag von Julius Hoffmann (K. Thienemanns Verlag)) [1883-] 1884. Qu. (*Bot. Atlas DC. Pfl.-Syst.*).

Ed. [1]: in fifteen parts, 1883-1884, p. [i*], [i]-xxvi, [1]-102, *pl. 1-85* (col. liths.). *Copies*: BR, NY. – The contents of the parts as given below are in part conjectural.

part	pages	*plates*	Nat.Nov.	Bot. Zeit.
1	1-6	*1-6*	Mai 1883	29 Jun 1883
2	7-12	*7-12*	Jun 1883	27 Jul 1883
3	13-18	*13-18*	Jul 1883	31 Aug 1883
4	19-24	*19-24*	Aug 1883	31 Aug 1883
5	25-30	*25-30*	Sep 1883	28 Sep 1883
6	31-36	*31-36*		28 Sep 1883
7	37-42	*37-42*	Oct 1883	30 Nov 1883
8	43-48	*43-48*	Nov 1883	28 Dec 1883
9	49-54	*49-54*	Dec(1) 1883	28 Dec 1883
10	55-60	*55-59*	Dec(2) 1883	28 Dec 1883
11	61-66	*60-64*	Dec(2) 1883	28 Dec 1883

part	pages	*plates*	Nat. Nov.	Bot. Zeit
12	67-72	*65-70*	Jan 1884	25 Jan 1884
13	73-78	*71-75*	Feb 1884	28 Mar 1884
14	79-84	*76-80*	Mar 1884	28 Mar 1884
15	85-102	*81-85*	Apr 1884	25 Apr 1884

Ed. 2: s.l. (Verlag für Naturkunde Sprösser & Nägele) s.d. [1895-1896], p. [i*-iv*], [i]-xxxviii, [1]-194, *pl. 1-80* (col. liths.). *Copies*: B, G, NY (with sticker over orig. imprint with above text). *Artists*: P. Wagner, G. Ebenhusen.

Publ.: in 18 parts between Jul 1895 and Dec 1896; edited by Julius Hoffmann, who was also the original publisher, at Stuttgart.

Part 1: 1-8, Jul 1895; *2-5*: 9-14. Dec 1895-1896; *6-11*: 41-88, Mai 1896; *12-18*: 89-194, ix-xxxviii. Nov. 1896.

Ed. 3: Jan 1911 (Nat. Nov. Feb(1) 1911), Stuttgart (E. Schweizerbart'sche Verlagsbuchhandlung Nägele & Sproesser) 1911. Qu., p. [i-iii], [1]-272, *pl. 1-86*. *Copy*: NY. – "*Hoffman-Dennert Botanischer Bilderatlas* nach dem natürlichem Pflanzensystem zugleich eine Flora zur Bestimmung sämtlicher in Deutschland vorkommenden Pflanzen . . ." Newly edited by Eberhard Dennert (1861-x). Published in 16 parts 1910-1911; Lief. 1 Jun 1910; 2-5 (p. 17-80, *20 pl.*) Aug 1910; 6-13 (p. 81-224, *34 pl.*) Dec 1910.

This new edition was followed by a fourth and a fifth (1918) edition (n.v.).

Russian ed., of ed. 2, by N. A. Monteverde, St. Petersburgh 1897-1899 (at least 9 parts, 208 p., *72 pl.*) (n.v.).

Hoffmann, Ferdinand (1860-1914), German botanist, at Charlottenburg. (*F. Hoffm.*).

HERBARIUM and TYPES: B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 188; BFM 2766; BM 2: 856; DTS 6(4): 71, 154; Hortus 3: 1195; IH 2: 280; Kew 3: 8; LS 12395; Rehder 5: 397; Tucker 1: 345.
Anon., Bot. Not. 1915: 60.
Jahn, Verh. bot. Ver. Brandenburg 56, 198-203. 1914 (bibl., portr.).

2877. *Beiträge zur Kenntnis der Flora von Central-Ost-Afrika.* Inaugural-Dissertation zur Erlangung der philosophischen Doctorwürde einer hohen philosophischen Fakultät der Universität Jena eingereicht von Ferdinand Hoffmann aus Charlottenburg. Berlin (Druck von W. & S. Loewenthal, Grünstr. 4.) 1889. Oct. (*Beitr. Fl. Centr.-Ost-Afr.*).

Thesis ed.: 1889 (Bot. Zeit. 28 Nov 1889), [1]-39. *Copies*: BR, G, HH, MO, NY, US. – It is not clear whether there was a separate trade edition (but see Bot. Zeit. 31 Jan 1890).

Hoffmann, Georg Franz (1760-1826), German botanist, professor of botany at Erlangen (1789), Göttingen (1792) and Moscow (1804). (*Hoffm.*).

HERBARIUM and TYPES: MW; further material at GOET and LE. – Letters at LINN (Smith corr.). – On 16 Sep 1815 G. F. Hoffmann wrote to J. E. Smith reporting the loss of his collections by fire.
Ref.: Lindemann, Bull. Soc. Natural. Moscou 59(1): 304. 1884.

BIBLIOGRAPHY and BIOGRAPHY: AG4: 75; Barnhart 2: 188; Backer p. 270; BM 2: 857; Bossert p. 178; CSP 3: 386; DTS 1: 120, 4: xlv; Dawson p. 111, 112, 359, 417; Dryander 5: 285-286; GR p. 20-21, cat. p. 65; Hawksworth p. 183; Hortus 3: 1195 ("Hoffm."); HU 678; IF p. 703; Jackson p. 559 [index]; Kew 3: 8; Krempelh. 2: 56-58; Lasègue p. 337, 339, 353; Lipschitz 3: 18-19; LS 12396-12405; MW p. 184; NI 888-897; Plesch p. 265; PR 4125-4140 (ed. 1: 4581-4590); Rehder 5: 397; RS p. 87-88; SBC p. 122 ("Hoffm."); SO 735a; ST p. 63; Stevenson p. 1245; TR 581-584; Zander ed. 10, p. 670-671.
Anon., Bot. Zeit., Regensburg 3: 255-256. 1804; Flora 9: 336. 1826.
Bourdeille, Bull. Soc. imp. Natur. Moscou ser. 2. 6: 364-365, 489-490. 1900.
Ewan, J. et al., Short hist. bot. U.S. 90. 1969.
Hausmann, F., Fl. Tirol 3: 1180. 1854.
H.E., Rev. Encycl. sér. 3. 43: 258. 1829.

J., Dict. sci. méd. 5: 260-261. 1822 (bibl.).
Killermann, S., Z. Pilzk. 4: 92-96. 1925, 5: 50-57. 1925 (relations with Persoon); Denkschr. Bayer. bot. Ges. Regensburg 19: 1-96. 1933.
Lipschitz, S. J., G. F. Hoffmann, Moskwa 1940.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 153. 1947.
Schmid, G., Z. Pilzk. 17(2): 54-60. 1933 (relation with Persoon); Goethe und die Naturwissenschaften 524. 1940.
Shetler, S. G., The Komarov Botanical Institute 45, 197. 1967.
Stafleu, F. A., *in* Daniels and Stafleu, Taxon 21(2/3): 374. 1972 (portr.).
Wittrock, V. B., Acta Horti Berg. 3(2): 130. 1903.

DATE OF BIRTH: Hoffmann was born at Marktbreit (Unterfranken) on 13 Jan 1760. The date 31.1.1761, cited by various older sources is erroneous. Grummann (GR p. 20) checked the birthdate in the Marktbreit church archives.

HANDWRITING: Candollea 30: 395-396. 1975.

COMPOSITE WORKS: Smith, J. E., *Compendium florae Brittaniae in usum florae Germanicae* editum a Georgio Francisco Hoffmann, Erlangae (apud Joannem Jacobem Palm) 1801. – 16mo (in eights), p. [i-x], [1]-274, [1-6, index]. *Copy*: HH. – See under J. E. Smith.
Note: for Phytographische Blätter see no. 2889.

EPONYMY: *Hoffmannia* O. Swartz (1788); *Hoffmannia* Willdenow (1789).

2878. *Enumeratio lichenum* iconibus et descriptionibus illustrata a Georg Franc. Hoffmann. Fascic. 1 Lepra Verrucaria Tubercularia Scutellaria. Erlangae (Sumtibus Wolfgangi Waltheri) 1784 [-1786]. Qu. †. (*Enum. lich.*).
Publ.: 1784 [-1786], p. [i], [1]-102, *pl. 1-22*, uncol. copper engr. *Copies*: FH, G, MICH, NY; IDC 579. – PR states that the book was published in three parts, part 2 1784, part 3 1786. We have seen no t.p.'s of these parts and do not know the contents. Fasc. 1 possibly comprised p. [1]-54 and *pl. 1-8*. The text ends abruptly with p. 102.

2879. *Historia salicum iconibus illustrata* . . . Lipsiae [Leipzig] (Impensis Siegfried Lebrecht Crusii) 1785-1791. 2 vols. Fol. †. (*Hist. salic. ill.*).

vol.	fasc.	pages	*plates*	dates
1	1	[1]-32	*1-5*	1785, Feb-Jun
	2	[33]-48	*6-10*	1785, Feb-Jun
	3	[49]-66	*11-16*	1786, prob. Sep-Oct
	4	[i*], [i], 67-78	*17-24*	1787, prob. Sep-Oct
2	1	[1]-12	*25-29, 31*	1791, Jan-Jun

The t.p. for vol. 1 [i*], dated 1787, was issued with part 4. The book was issued with coloured (copies NY, U) as well as with plain plates (other copies seen), (copper engravings of drawings by the author). *Copies*: B, G, HU (as AD 70); L, M, MO (a few pl. col.), NY (plates col.) U (plates col.), USDA; IDC 5954.

2880. Georg. Franc. Hoffmann med. doct. *De vario lichenum usu commentatio* sect. I. Erlangae [Erlangen] (Impensis Joh. Jac. Palm.) 1786. Qu. (*Var. lich. usu*).
Publ.: 1786, p. [1]-35, [36, theses]. *Copies*: G, MICH, NY.
Ed.[2]: 1787, see below under Mémoires, . . . sur l'utilité des lichens (no. 2881).

2881. Mémoires, couronnés en l'année 1786, par l'Académie des Sciences, Belles-Lettres et Arts de Lyon, *sur l'utilité des lichens*, dans la médecine et dans les arts; par MM. G. F. Hoffmann, . . . Amoreux, fils, . . . et Willemet . . . Lyon (Chez Piestre et Delamollière) 1787. Oct. (*Util. lich.*).
Co-authors: Pierre Joseph Amoreux (1741-1824) [?, author is "Amoreux fils"]; Pierre Remi François de Paule Willemet (1762-1790).
Publ.: 1787 (priv. p. [3]: 17 Sep 1787), p. [i, iii*], [i]-xxxvi, followed by three articles: [a] by

Willemet, p. [i], [1]-48, [b] by Amoreux, p. [i], [1]-103, and [c] by Hoffmann, p. [i], [1]-60, *pl. 1-8*, [i], 61-68, [1-3, privilège]. *Copies*: BR, G, Stevenson; IDC 922.

[a]: Willemet, "*Lichénographie economique*, ou histoire des lichens utiles dans la médecine et les arts."
[b]: Amoreux, fils, "*Recherches* et expériences *sur les* divers *lichens*, dont on peut faire usage en médecine et dans les arts."
[c]: Hoffman, "*Commentatio de vario lichenum usu.*" This is a reprint of the 1786 publ. "De vario lichenum usu commentatio" (see no. 2880).
The text on p. [i]-xxxvi is by Jean Emmanuel Gilibert (1741-1814), who also served as editor.

2882. *Observationes botanicae.* Erlangen (apud Joannen[sic] Jacobum Palm) 1787. Qu. (*Observ. bot.*).
Publ.: 1787, p. [1]-19. *Copies*: G, USDA.

2883. *Vegetabilia cryptogama* [Erlangae (Sumtu Joh. Jac. Palm)] 1787-1790, 2 parts. Qu. (in twos). (*Veg. crypt.*).

[*1*:] 1787 (p. viii, Mar 1787), cover, p. [i*, iii*], [i]-viii, [1]-42, *pl. 1-8*. Index on p. [3] cover.
[*2*:] 1790, cover, p. [i-vi], [1]-34, *pl. 1-8*.
Copies: G, MICH, MO, NY, Stevenson, US, USDA. – The *plates* are uncoloured copper engr. by the author. The title has "cryptogama" on the regular t.p.'s but "cryptogamica" on the covers. These covers also carry the imprint.

2884. *Nomenclator fungorum.* Pars I. Agarici. Accedunt tabulae vi aeri incisae et ab auctore delineatae. Verzeichniss der Schwämme. Erster Theil. Blätterschwämme. Mit 6 nach der Natur vom Verfasser gezeichneten Kupfertafeln. Berlin (bey Joachim Pauli, Buchhändler) 1789. Oct. † (*Nomencl. fung.*).

Part 1: 1789 (p. vi: 18 Mar 1789; GGA 14 Sep 1789), p. [i]-viii, [1]-256, *pl. 1-6* (uncol. copp. engr.). *Copies*: NY, Stevenson, US. – Anonymous; see also no. 2885.
Continuatio prima, indice locupleta . . . Erste Fortsetzung, nebst dreifachen register. Berlin (id.) 1790. Oct., *publ.*: 1790, p. [1]-85. *Copy*: Stevenson.
Ref.: BM 2: 857.

2885. *Abbildungen der Schwämme.* Erstes [-Drittes] Heft. Taf. i-x. [xxx]. 1790-1793. Qu. †. (*Abbild. Schwämme*).

Heft 1: 1790, p. [i-iii], *pl.* [*1-10*] (hand-col. copper engr.).
Heft 2: 1791, p. [i, cover], *pl.* [*11-20*] (id.), index on p. [iii], cover.
Heft 3: 1793, p. [i, ii, cover], *pl.* [*21-30*] (id.), index on p. [iii], cover.

Copies: FH, Stevenson. – 30 anonymously published plates and some text on the covers of the fascicles. According to P. Usteri, Ann. Bot. 12: 77-80 (1794) Hoffmann was the "Herausgeber". There should have been 40 plates, intended to illustrate Hoffmann's also anonymous, *Nomenclator fungorum*, 1789-1790 † (no. 2884). The first two fascicles contain plates which are all (except for one) copied from James Bolton's *A history of fungusses*, growing about Halifax (Huddersfield 1788-1791). The third fascicle has 10 new species. The "Nachricht" contains the following statement: ". . . gröstentheils neue von Herrn Persoon zu Göttingen gesammelte und zu diesem Entzweck mitgetheilte [communicated] Arten, der Natur auf das getreueste von der Hand eines geschickten Mahlers nachgebildet . . ." A review of fascicles 1-3 (*tt. 1-30*) appeared in GGA of 30 Oct 1793.
Ref.: Killermann, S., Z. Pilz. 4: 92-96. 1925, 5: 50-57. 1925; Denkschr. bot. Ges. Regensburg 19: 1-96. 1933.
Schmid, Z. Pilzk. 12 (alte Folge 17): 54-60. 1933.

2886. *Descriptio et adumbratio plantarum e classe cryptogamica* Linnaei quae lichenes dicuntur. Lipsiae [Leipzig] (Apud Siegfried Lebrecht Crusium) [1789-] 1790-1801, 3 vols. Fol. (*Descr. pl. cl. crypt.*).
Publ.: three volumes, published in parts. *Copies*: G, USDA; IDC 813.

vol.	fasc.	pages	*plates*	dates
1	1	[1]-32	*1-6*	1789
	2	[i, ded.], 33-64	*7-12*	1789
	3	[i, ded.], 65-86	*13-18*	1790
	4	[i, ded.], 87-104	*19-24*	1790
t.p., pref. etc.		[i*], [i]-iv, [1-2, cont.]		1790
2	1	[i, ded.], 1-21	*25-30*	1794 [?]
	2	[i, ded.], 23-46	*31-36*	1794 [?]
	3	[i, ded.], 47-62	*37-42*	1794 [?]
	4	[i, ded.], 63-78	*43-48*	1794
t.p., cont.		[i*t.p.], [1-2, cont.]		1794
3	1	[i, ded.], 1-14	*49-54*	1801 [?]
	2	[i, ded.], 1-18	*55-60*	1801 [?]
	3	[i, ded.], 1-18	*61-66*	1801
	4	1-12	*67-72*	1801
t.p., cont.		[i*t.p.], [1-2, cont.]		1801

The *plates* are hand-coloured copper engravings.

Portuguese ed.: "*Descriptio et adumbratio plantarum* e classe criptogamica Linnaei quae lichenes dicuntur . . . Ad. Georg. Franc. Hoffmann p.p.e. . . . Lusitanorum botanicorum in usum, celsissimi ac potentissimi Lusitaniae principis regentis domini nostri, et jussu, et auspiciis denuo typis mandata, curante Fr. Josepho mariano Veloso." Ulysipone [Lisboa] (Typographia domus chalcographicae, ac litterariae ad arcum caeci) 1800. Oct. (in fours).
Editor: José Mariano da Conceição Vellozo [Velloso] (1742-1811).

Vol. 1: frontisp., p. [i*], [i]-vi, [1]-124, *pl. 1-13, 13B, 14-24.*
Vol. 2: frontisp., p. [i-iv], [1]-93, *pl. 25-41, 42a, 42b, 43-48.*

Copy: Stevenson. *Plates*: hand-coloured copper engr.

2887. *Deutschland Flora* oder botanisches Taschenbuch für das Jahr 1791 . . . Erlangen (Bey Johann Jacob Palm) [1791]. Oct. (*Deutschl. Fl.*).

[*Erster Jahrgang*]: Jan-Mar 1791, frontisp., p. [i-xxviii], *pl. 1-12*, [i*-x*], [1]-360, [1, add.]. *Copies*: MICH, MO, NY, U, USDA. – *Plates*: hand-col. copper engr., in other copies uncol. Issues (for all 4 vols): "theils on Velin-, theils on Schreibpapier."
Zweiter Theil ". . . für das Jahr 1795. Cryptogamie." Erlangen (id.) s.d., *publ.*: 1796, frontisp., p. [i-lxviii], [1]-200, [1-39, cont. and err.], *pl. 1-14. Copies*: MICH, MO, NY, US (2) USDA. – *Plates*: execution as in vol. for 1791; according to the publishers statement (Palm 1803) there should be *14 plates*, as in the US copies. *Date*: the Latin t.p. [iii] dated 1795, p. xii: 1796.
Dritter Jahrgang: ". . . für das Jahr 1800 . . . Dritter Jahrgang. I. Abtheilung. Erste bis Dreizehnte Klasse oder des ersten Jahrgang neue und vermehrte Auflage". Erlangen (id.), s.d. Oct. – *Publ.*: Mai-Dec 1800, frontisp., p. [i-xlviii], *pl. 1-12*, [1]-273, [274, impr.]. *Copies*: MICH, MO, NY, U, US, USDA. – *Plates*: execution as in previous vols.
Vierter Jahrgang: ". . . für das Jahr 1804 . . . Vierter Jahrgang oder des III. Jahrgangs II. Abtheilung. Vierzehnte bis drei und zwanzigste Klasse." Erlangen (id.), s.d. Oct. – *Publ.*: Feb-Mar 1804, frontisp. (by Chodowieky) p. [ii, alt. t.p. identifying this also as a new edition of the Erster Jahrgang. II. Abtheilung], [iii-xlviii], *pl. 1-12*, [i, h.t.], [1]-308. *Copies*: MICH, MO, NY, U, US, USDA.
Note: The number and arrangement of the unnumbered pages varies. Plates and accompanying text may be combined or separate. None of the copies seen was exactly identical with any of the other.
French ed.: *La flore de l'Allemagne* ou étrennes botaniques pour l'an 1791 [. . . 1795]. Erlang (chez Jean Jacques Palm) 2 vols. 1791-1796.

1791: frontisp., p. [i-vi], *pl. 1-12* (as in orig.), [i-x], [1]-360, [361, err.]. *Copies*: G, NY.
1795: "Cryptogamie" Erlang (id.), publ. 1796 (p. 42: Mai 1796), frontisp., [i], [1-60], [1]-200, [39, ind., err.], *pl. 1-14* (id.). *Copy*: US.

This is a reissue, with a french t.p. and latin preface, on velin, with col. plates, of the original sheets. Another reissue, with English title and latin preface is mentioned by the publisher Palm (1803), but was not seen by us.

2888. *Hortus gottingensis* quem proponit simulque orationem inchoandae professioni sacram indicit Georg. Franc. Hoffmann . . . Gottingae [Göttingen] (sumptibus auctoris, et prostant Lipsiae, apud S. L. Crusium) 1793. Fol. (*Hort. gotting.*).
Publ.: 1793, before 17 Jun, p. [i-iv], [1]-14, garden plan, (hand-coloured copper engraving by Besemann). *Copies*: G, MO, NY.
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Manitz, Wiss. Z. Fr. Schiller Univ. Jena, Mat. Nat. 24(4): 499. 1975.

2889. *Phytographische Blätter.* Verfasst von einer Gesellschaft Gelehrten und herausgegeben von D. G. F. Hoffmann . . . Erster Jahrgang 1803. Göttingen (im Verlage bey P. G. Schröder) 1803. Oct. †. (*Phytogr. Bl.*).
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Ref.: Anon., Bot. Zeit., Regensburg 3: 255-256. 1804.
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2890. *Hortus mosquensis.* Prima dedit fruges alimentaque mitia terris. 1808. Qu. (*Hort. mosq.*).
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2891. *Vegetabilia in Hercyniae subterraneis* collecta iconibus descriptionibus et observationibus illustrata . . . Norimbergae [Nürnberg] (Impensis Joan. Frid. Frauenholz) 1811. Fol. (*Veg. Hercyn. subterr.*).
Publ.: 1811 (p. vi: id. Jul 1810), p. [i-vi], [1]-34, [1, expl. pl.], *pl. 1-18* (hand-col. copper engr.). *Copies*: G, NY, Stevenson, USDA.

2893. *Syllabus plantarum umbelliferarum* denuo disponendarum, exhibens enumerationem omnium specierum hucusque in pharmacopoliis receptarum, iconum accuratam citationem orthographiam, etymologiam et prosodiam nominum botanicorum; . . . Mosquae [Moskva] (Typis N. S. Vsevoloskianis) 1814. Oct. (size). (*Syll. pl. umbell.*).
Publ.: Oct-Dec 1814 (p. ii: 26 Sep 1814), p. [i-iv], [1]-20. *Copies*: G, L, NY, US (without [i-iv]), USDA (2 copies, each with the plates of the *Genera* 1814) (no. 2895).

2894. *Icones et analyses Umbelliferarum.* Mosquae [Moskva] (e typographia Nicolai Sergeidis Vsevoloszky) 1814. (*Icon. umbell.*).
Publ.: 1814, cover with (copy G) plates *1a*, *1b*, *and 2*, uncoloured copper engr. *Copies*: G, LINN (the latter fide Jackson).

2895. Georg. Franc. Hoffmann . . . *Genera plantarum umbelliferarum* eorumque characteres naturales secundum numerum, figuram, situm et proportionem omnium fructificationis partium. Accedunt icones et analyses aeri incisae. Mosquae (Sumtibus auctoris, typis N.S. Vsevolozskianis) 1814. Oct. (*Gen. pl. umbell.*).

Ed. 1: 1814 (p. xxii: id. Nov 1813; possibly in parts and p.p. in 1815), p. [i]-xxix, [xxx], [1]-182. *Copies*: L, NY, USDA (bound with *Syllabus*, 1814 (2893), followed by *pl. 1a*, *1b*, *2-4*).
Ed. 2: 1816 (p. xxii: id. Mai 1816). Copies vary slightly. The U copy is as follows: frontisp. engr. t.p. 1816, p. [i]-xxxiv, [1-2, consp., motto], [1]-94, [1, h.t. vol. 1, pars 2], [1-2, note], engr. t.p. 1816, 95-122, syllabus [1]-20, plates, *1a*, *1b*, *2-4*, prospectus [1]-4, Erörterungen [1]-34, [1-2, err.], [1-2, h.t. vol. 1, pars 1 and motto, wrongly bound]. *Copies*: MICH, MO, U, US, USDA. – The *Syllabus* was also issued separately (see above, 1814) (no. 2893).

2896. *Herbarium vivum*, sive collectio plantarum siccarum, Caesareae universitatis mosquensis. Publicae utilitatis causa in ordinem secundum Systema Linnaearum digessit et edidit G. Fr. Hoffmann. Mosquae [Moskva] (Typis Universitatis) 1824-1825, 2 parts. Oct. (*Herb. viv.*).

Pars 1: 1824, p. [1]-179; *pars 2*: 1825, p. [1]-467. *Copy*: Helsinki University Library; photocopy at H. – Information by H. Luther and D. L. Hawksworth. The latter saw another copy at Leningrad and mentions the probable existence of a further copy at Moscow. In view of the existence of more than one copy the book must be considered as effectively published.

Hofffmann, [Heinrich Karl] Hermann (1819-1891), German mycologist, plant-geographer, and experimental systematist; Dr. med. Giessen 1841; practicing physician 1842; Privatdozent 1842; extraordinary professor 1848; from 1853 full professor of botany; from 1851 director of the botanic garden at Giessen. (*H. Hoffm.*).

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2897. *Schildering der deutschen Pflanzenfamilien* vom botanisch-descriptiven und physiologisch-chemischen Standpunkte . . . Giessen (Georg Friedrich Heyer's Verlag) 1846. Oct. (*Schilder. deut. Pfl.-Fam.*).

Ed. 1: Oct 1846 (Flora 21 Oct 1846), p. [i]-xx, [1]-280, *pl. 1-12* (unsigned plain liths.). *Copy*: NY.
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2898. *Nomenclator zu F. L. Walther's Flora von Giessen*, 1802. [Giessen] 1849. Oct. (*Nomencl. Fl. Giessen*).
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2899. *Pflanzenverbreitung und Pflanzenwanderung*; eine botanisch-geographische Untersuchung . . . Darmstadt (Verlag der Hofbuchhandlung von G. Jonghaus) 1852. Oct. (*Pfl.-Verbr.*).
Publ.: 1852, p. [1]-144, chart. *Copy*: MBG.

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no.	Bericht	Bot. Zeit.
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7	g	22: 258-263. 19 Aug 1864
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9	i	23: 323-326. 27 Oct 1865
10	k	24: 69-72. 2 Mar 1866
11	l	24: 210-214. 6 Jul 1866
12	m	25: 45-48. 8 Feb 1867
13	n	26: 11-15. 3 Jan 1868
14	o	27: 40-45. 15 Jan 1869

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20: 65-112. 1881.	25: 57-104. 1887.
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Hoffmann, Johan Frederik (1823-1841), Dutch botanist. (*J. F. Hoffm.*).

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Hoffmann, [Karl August] Otto (1853-1909), German synantherologist of the Engler School, studied at Berlin and Göttingen, from 1877 high school teacher at the Friedrichs-Werdersche Gymnasium at Berlin. (*O. Hoffm.*).

HERBARIUM and TYPES: B; some further material at GOET.

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Hoffmann, Philipp (*fl.* 1868), German botanist; high school teacher at the Lyceum of Eichstätt. (*P. Hoffm.*).

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Hoffmann, Wilhelm (1856-x), German diatomologist; educated at Marburg, Berlin and Heidelberg; from 1882 high school teacher at the gymnasia of Siegen and Bielefeld. (*W. Hoffm.*).

HERBARIUM and TYPES: Unknown.

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Publ.: 1884 (t.p.), p. [i-iii], [1]-32. *Copy*: NY. – Preprinted from Wigand, ed., Bot. Hefte, Forsch. Bot. Garten Marburg 1: 128-160. 1885 (Nat. Nov. Jul(1) 1885).

Hoffmannsegg, Johann Centurius, Graf von (1766-1849), German botanist, entomologist and ornithologist; travelled in Hungary (1793-1794) and Portugal (1797-1801). (*Hoffmanns.*).

HERBARIUM and TYPES: Hoffmannsegg's mosses are at G; phanerogams at B (in part in the Willdenow herbarium, extant), G, G-DC, H and HAL. The original mss. of the unpublished *Flora lusitanica* (not to be confused with the *Flore portugaise*) was at B and is now destroyed. The preface was saved (Staatsbibl. preuss. Kulturbesitz, Berlin), see Helm and Hirsch (1974).

NAME: The author spelled his name consistently Hoffmannsegg except on the t.p. of the *Flore portugaise* ("Hoffmansegg").

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 189; BM 2: 858, 6: 473; Bossert p. 178; CSP 3: 389; Dawson p. 354, 417; Frank 3(Anh.): 45; GF p. 59; Hortus 3: 1195 ("Hoffmanns."); IH 2: 280; Kew 3: 9; Jackson p. 341, 425; Lasègue p. 105, 475, 570; Maiwald p. 89; MW p. 184; NI 901; PR 4161-4163 (ed. 1: 4606-4610); Ratzeburg p. 248-251; Rehder 5: 398; RS p. 88; SK p. 236; TL-2/812; Tucker 1: 346; Zander ed. 10, p. 671.
Anon., Allg. Garten Zeit. 18: 128. 1850; Bot. Zeit. 14: 48. 1856, 8: 56. 1850.
Dolezal, H., Friedrich Welwitsch 122-123, 125-126. 1974.
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Helm, J., Festschr. Nissen 362-364. 1973.
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Lichtenstein, H. C., Dresdner Album (ed. F. v. Mühlenfels), ed. 2. p. 24-44, Berlin 1856 (fide Helm).
Link, H. F., Bemerkungen auf einer Reise durch Frankreich, Spanien und vorzüglich Portugal. Kiel 1801-1804, see also Link, *in* Schrader, J. Bot. 1799(2): 297-356, 1800(1): 47-61. (Link and H. travelled together).
Nissen, C., Philobiblon 6: 303. 1933.
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Seemann, B., Bonplandia 4: 47. 1856.
Soubeiran, Bull. Soc. bot. France 8: 507, 508. 1862 (letters from H. to Bosc).
Willkomm, M., Grundz. Pflanzenverbr. iber. Halbinsel 10, 25. 1896 (Veg. Erde 1).
Wittrock, V. B., Acta Horti Berg. 3(2): 130. 1903.

EPONYMY: *Hoffmannseggella* H. G. Jones (1968); *Hoffmannseggia* Willdenow (1809, *orth. var.*); *Hoffmanseggia* Cavanilles (1798).

2911. *Flore portugaise* ou description de toutes les plantes qui croissent naturellement en Portugal avec figures coloriées, cinq planches de terminologie et une carte par J. C. Comte de Hoffmansegg . . . et H. F. Link . . . À Berlin (de l'imprimerie de Charles Fréderic Amelang et se trouve chez les auteurs, Kronenstrasse no. 58) 1809[-1840], 2 vols. Fol. †. (*Fl. portug.*). *Co-author*: Heinrich Friedrich Link (1767-1851).

Vol. 1: [1, h.t.], [iii, t.p.], [v-viii, ded.], [1]-458, *pl. 1-75*.
Vol. 2: [i, h.t.], [iii, t.p.], [v, cover 15th livr.], [1]-504 (*copies*: G and NY 437-520, MO 505-520 missing), *pl. 76-89, 90a, 90b, 91-107, 108a, 108b, 109, A, B, C*.

Copies: G, MO, NY; IDC 5049. – The MO copy has the original covers of parts *1-16* and shows for parts 1-17 the division of the text. The plates are bound separately. All covers carry the date 1809. *Vol. 1* lacks p. 55-58 (never printed); copies of *Vol 2* usually end with p. 436. Pages 505-520 remained ineditae (fide PR). The same holds for *pl. 110-136* (Lief. 23). *Plate 109* is not present in the MO copy.

Vol.	Lief.	pages	*plates*	dates
1	1	[1]-32	*1-5*	1 Sep 1809
	2	33-54, 59-68	*6-10*	1 Sep 1809
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	4	101-132	*16-20*	Sep-Dec 1809
	5	133-164	*21-25*	16 Feb 1810
	6	165-196	*26-30*	1811
	7	197-228	*31-35*	1811
	8	229-260	*36-40*	1811
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	10	293-324	*46-50*	1813
	11	325-356	*51-55*	1813-1820
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	14	421-458	*66-70*	1813-1820
2	15	[i], [iii], [v], [1]-32	*71-75*	1813-1820
	16	33-64	*76-80*	1813-1820
	17	65-. . .	*81-84*, A	1820-1824
	18	. . .-. . .	*85-90*	1820-1824
	19	. . .-. . .	*91-. . .*	1825
	20	. . .-. . .	*. . .-102*	1825-1828
	21	. . .-436	*103-106*	1834
	22	437-504	*107-109*	1840

The plates are by Hoffmannsegg and Gottfried Wilhelm Voelcker (1775-1849); nos. *20* and *22* are lithographs; the other nos. are engravings (often with stippling), *A-C* uncoloured, the others colour-printed and partly coloured by hand.
Ref.: Fuchs, H. P., Taxon 11: 128-129, 132. 1962.

2912. *Verzeichniss der Pflanzenkulturen* in den Gräfl. Hoffmannseggischen Gärten zu Dresden und Rammenau, nebst einigen kritischen Bemerkungen, einer verbessernden Anzeige der hauptsächlichsten Druckfehler in Herrn Prof. Links Enumeratio etc. und einem Steindruck. Dresden (In Commission der Arnoldischen Buchhandlung, . . .) 1824. Oct. (in fours). (*Verz. Pfl.-Kult.*).

Orig. ed.: 1824 (pref. Frühjahr 1823), frontisp., p. [i], [1]-310. Author's name on p. 25. *Copies*: G, M, NY; IDC 856.
Zweiter und Dritter Nachtrag zu dem Verzeichniss . . . Rammenau, nebst kritischen Bemerkungen, einer Fortsetzung der verbessernden Anzeige der hauptsächlichsten Druckfehler in Herrn Prof. Link's Enumeratio etc. und einer Abbildungstafel. Dresden (id.) 1828. Oct. (in fours), frontisp., p. [i], [1]-240, Dritter Nachtrag [no impr.] p. [1]-96. *Copies*: G, M.
Nachtrag zu . . . 1841. Dresden 1842, p. [1]-31, (n.v.).

2913. *Verzeichniss der Orchideen* im Gräflich Hoffmannseggischen Garten zu Dresden nebst ihren Werten, den Beschreibungen der darunter befindlichen neuen Arten, und einigen allgemeinen Bemerkungen über ihre sowohl praktische wie theoretische Behandlung. (*Verz. Orchid.*).

Ed. 1: 1842, 28 p., n.v.
Ed. 2: "... für 1843." Dresden 1843. Oct. (Bot. Zeit. 1 Dec 1843), 64 p., n.v.
Ed. 3: "... für 1844." Dresden (in Commission bei H. M. Gottschalck) 1844. Oct. (Bot. Zeit. 27 Dec 1844), p. [i], [1]-68, [1, cont.]. *Copy*: WU.

Ref.: K.M., Bot. Zeit. 1: 831-835. 1843 (ed. 2), 3: 181-184, 14 Mar 1845 (ed. 3).

Hoffstad, Olaf Alfred (1865-1943), Norwegian botanist; teacher at Trondhjem, Egersund, Haugesund and Roros; from 1892 at Sandefjord. (*Hoffstad*).

HERBARIUM and TYPES: Some material at GB.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 443, 454, 455, 669; IH 2: 280; Kleppa 6, 21, 22, 253, 266, 275, 277.
Christophersen, E., Blyttia 1(4): 127-129. 1943.
Holmboe, J., Naturen 42(5): 155-159. 1918; *in* Norsk biogr. leks. 6: 183-184. 1934.

2914. *Norsk flora* . . . Bergen (I Kommission hos F. Beyer . . .), Kristiania [Oslo] (id.) 1891. Oct. (*Norsk Fl.*).

Ed. 1: Jul-Aug 1891 (p. v: Jun 1891; Nat. Nov. Sep(1) 1891; Naturen Nov 1891), p. [i]-xxxii, [1]-222. *Copy*: HH.
Ed. 2: Mai 1893 (p. v: Apr 1893; Naturen Jun 1893; Nat. Nov. Jun(1) 1893), p. [i]-xxx, [1]-251, [252, err.]. *Copy*: HH. – "Anden, forbedrede Udgave" Kristiania [Oslo] (H. Aschehoug & Co. Forlag). Oct.
Ed. 3: 1898, xxxii, 266 p. (n.v.).
Ed. 4: 1903, xxxii, 266 p. (n.v.).
Ed. 5: 1911, xxxii, 266 p. (n.v.).
Ed. 6: 1917, xxxii, 266 p. (n.v.) (Nat. Nov. Feb 1908).
Ed. 7: 1922, xxxii, 266 p. (n.v.).
Ed. 8: 1942, 419 p., 960 ill. (n.v.).
Ed. 9: 1944, 464 p., continued by Erling Christophersen, (n.v.) (see Braarud, Blyttia 2: 54. 1944; Faegri, Naturen 70: 150-154. 1946).
Ed. 10: 1957, p. [1]-507. *Copy*: NY. – "Tiende Utgave ved Erling Christophersen [1898-x] med 1140 bilder" Oslo (H. Aschehoug & Co. (W. Nygaard)).

Hofman Bang, Niels (1776-1855), Danish botanist, pupil of Vahl, landowner (Hofmannsgave) and agronomist. (*Hofm. B.*).

HERBARIUM and TYPES: C. Exsiccatae (all at C): (1) *Musci frondosi*, 1 vol. 1840; (2) *Conferva*, 2 vols.; (3) *Hydrophyta*, 4 vols., 1816-1843; (4) *Alg. mar. medit. adriat.* 1847.

NAME: Born Niels Bang; Hofman Bang from 1785 to honor his mother's family; see Christensen, Danske Bot. Hist. 2: 137. 1924.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 117; BM 2: 859; CSP 3: 389, 6: 689; IH 2: 280; KR p. 299; PR 4166-4167 (ed. 1: 4613); Rehder 5: 399; Urban-Berl. p. 265, 302.
Christensen, C., Danske Bot. Hist. 1: 225-228, 879. 1924, 2: 137-139. 1924 (bibl.) (see p. 138, no. 12 for autobiography by Hofman Bang).
Koster, J. T., Taxon 18: 553. 1969.
Liebman, Overs. danske Vid. Selsk. Forh. 1855: 206-222.
Warming, E., Bot. Tidskkr. 12(2/3): 97-98. 1881 (bibl.).

COMPOSITE WORKS: Contributed to *Flora danica* between 1799 and 1852; also to J. Lange, *Danske flora*, ed. 1. H.'s son, Niels Erik Hofman (Bang) (1803-1886), also published on botany and contributed to these same publications (see Warming, Bot. Tidsskr. 12: 213-214. (1881) and Lind, J., Danish fungi herb. Rostrup 30. (1913).

EPONYMY: *Bangia* Lyngbye (1819); *Bangiella* Gaillon (1833); *Bangiopsis* F. Schmitz (1896). *Note*: *Hofmania* R. Chodat (1900) is dedicated to his son Niels Erik Hofman Bang (1803-1886).

2915. *De usu confervarum* in oeconomia naturae. Scripsit Hofman-Bang, possessor praedii Hofmansgave in Fionia. Cum tabula aeri incisa. Hafniae [Kjöbnhavn] 1818. Oct. (*Usu conferv.*).
Publ.: 1818, p. [1]-27, *pl. 1*, with text. *Copy*: PCS. – See Christensen no. 3a for Danish texts relating to this publication.

Hofmann, Adolf (1853-1913), Bohemian (b. at Žebrák) palaeobotanist; studied at Praha and at the mining college of Leoben; from 1888 assistant, from 1893-1909 professor of geology and palaeontology at the mining college at Příbram; from 1909 at the mineralogical institute at Praha. (*A. Hofm.*).

COLLECTIONS: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 190; BM 2: 859; LS 12450; MW p. 184; Quenstedt p. 205; Rehder 5: 399.
Slavík, Verh. k.k. geol. Reichsanst. 1913(14): 339-342. (bibl.).

2916. *Leitpflanzen der palaeozoïschen Steinkolenablagerungen im Mittel-Europa* . . . Prag (J. G. Calve'sche k.u.k. Hof- und Universitätsbuchhandlung. Joseph Koch). 1899. Oct. (*Leitpfl. palaeoz. Steinkolenabl.*).
Co-author: Franz Ryba (1867-1918).
Publ.: Nov-Dec 1899 (p. v: Oct 1899; Nat. Nov. Dec(2) 1899), p. [i-vi], [1]-104, [1-4, index], charts i-ii, *atlas 20 pl. Copy*: USGS.

Hofmann, Joseph (1822-1901), German botanist; Dr. phil. Würzburg 1864; high school teacher at the gymnasium of Freising from 1849-1867, from 1867-1873 at Speyer, from 1873-1890 again at Freising. (*J. Hofm.*).

HERBARIUM and TYPES: Hofmann left his collections made up to 1890 to the Kgl. Lyceum at Freising; his collections made between 1890 and 1900 were given to the Bayrische botanische Gesellschaft (now at M).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 190; BM 2: 859; CSP 3: 397; Jackson p. 303; Kew 3: 10; PR 4164; Rehder 5: 399.

Beck, G., Vegetationsverh. Illyr. Länder 16. 1901 (Veg. Erde 4).
Holzner, Mitt. bay. bot. Ges. 18: 185. 1901 (H. died on 1 Jan 1901).

2917. *Flora von Freysing*, enthaltend die in der Umgebung von Freysing wild wachsenden und allgemein cultivirten phanerogamischen Gewächse, geordnet nach dem Linneischen System als Jahresprogramm von J. Hofmann, Lehrer der Naturgeschichte und Chemie. Freysing [(Schnellpressendruck von Franz Datterer)] 1854-1857, 3 parts. Qu. (*Fl. Freysing*).

Part [*1*]: 1854, p. [i*], [i]-ii, [1]-26. In Jahres-Bericht der königlichen Landwirtschafts- und Gewerbe-Schule I. Klasse zu Freysing im Jahre 1853/54 . . . Freysing (Schnellpressendruck von Franz Datterer) 1854, p. [i*] t.p. programm, [i]: "*Die Flora von Freysing.* Vorwort . . ."
Part [*2*]: Aug-Sep 1855 (p. [iv]: 18 Aug 1855), p. [i-iv], [27]-58, in idem 1854/55.
Part [*3*]: Aug-Sep 1856 (p. [iv]: 1 Aug 1856), p. [i-iv], 59-82, in idem 1855/56.
Part [*4*]: with title as given in heading, Aug-Sep 1857 (p. iv: 25 Jul 1857), p. [i]-viii, [1]-109.
Copies: B (1-4), Regensburg (4).
Location: Freising (or Freysing) is a town in Upper Bavaria.

Ed. [*2*]: "*Flora der Umgebung von Freising.* Ein Hilfsmittel zur leichten Bestimmung der im Gebiete wildwachsende und allgemein cultivirten Gefässpflanzen . . . Freising (Druck und Verlag von Franz Paul Datterer) 1876. Oct., *publ.*: 1876 (p. 4: Jul 1875), p. [1]-180. *Copy*: M. (*Fl. Freising*).
Original publication: in three parts, in the Jahres-Bericht über das königliche Lyceum und die königl. Studieanstalt zu Freising im Studienjahre 1874/75 [1875/76, 1876/77], with the title "*Die Vegetations-Verhältnisse der Umgebung von Freising,*" Freising (Buchdruckerei von Franz Paul Datterer), 1875-1877, as follows (*Copy*: M) (*Vegetationsverh. Freising*):

1: [1]-64, in Jahres-Bericht 1874/75, 1875.
2: 65-128, in ib. 1875/76, 1876.
3: 129-180, in ib. 1875/76, 1877.

Also provided with separate t.p.'s "*Die Vegetationsverhältnisse der Umgebung von Freising.* I. Theil: Die Flora, zugleich Gefässpflanzen. Programm der kgl. Studienanstalten in Freising . . ." Freising (Druck von F. P. Datterer) 1875 [1876, 1877].

Ed. [*3*]: "*Exkursionsflora für die Umgebung von Freising* . . . Freising. Ein Hilfsmittel zur leichten Bestimmung der daselbst vorkommenden wildwachsenden und mehrfach kultivierten Gefässpflanzen . . ." Freising (Verlag der J. G. Wölfle'schen Buchhandlung) 1893. Oct., *publ.*: Apr-Mai 1893 (p. iv: Apr 1893; Nat. Nov. Jun(1) 1893), p. [i]-xx, [1]-162. *Copy*: B.—(*Exkurs.-Fl. Freising*).

2918. *Flora des Isar-Gebietes* von Wolfratshausen bis Deggendorf enthaltend eine Aufzählung und Beschreibung der in diesem Gebiete vorkommenden wildwachsenden und allgemein kultivierten Gefässpflanzen. Unter Mitwirkung mehrerer Freunde der Botanik bearbeitet von Dr. J. Hofmann, Professor am königl. Lyceum in Freising und herausgegeben von dem botanischen Verein in Landshut . . . Landshut (Im Selbstverlag des botanischen Vereines) 1883. Oct. (*Fl. Isar-Geb.*).
Publ.: 1 Jun-15 Jul 1883 (p. v: Jun 1883; Nat. Nov. Jul(2) 1883; Bot. Zeit. 27 Jul 1883; Flora 11 Aug 1883, "erschienen"; J. Bot. Aug 1883), p. [i]-lxiv, [1]-377. *Copies*: B, G, KNAW, M, Regensburg.

Hofmann, Joseph Vincenz (1800-1863), Austrian clergyman ("Consistorialrath") and botanist at Brixen. (*J. V. Hofm.*).

HERBARIUM and TYPES: IBF; further material LZ.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 190; BM 2: 859; CSP 3: 397; DTS 1: 122-123, 6(4): 23, 27, 40; IH 2: 280; Jackson p. 303; Kew 3: 9; PR ed. 1: 4615; Rehder 5: 399; SK p. 236-237.
Hausmann, F., Fl. Tirol 1163. 1854.

2919. *Ueber die tirolischen Arten der Gattung Verbascum.* Von Joseph Vinzenz Hofmann, Weltpriester und Professor an der theologische Diözesan-Lehranstalt zu Brixen ... Innsbruck (gedruckt mit Wagner'schen Schriften) 1841. Oct. (*Tirol. Verbascum*).
Publ.: 1841, p. [1]-18. *Copy*: G. – Reprinted from Neue Zeitschrift des Ferdinandeums für Tirol 7. 1841.

Hofmeister, Wilhelm Friedrich Benedict (1824-1877), German botanist who developed the theory of the alternation of generations in plants; son of the publisher Friedrich Hofmeister at Leipzig, professor of botany at Heidelberg (1863), Tübingen (1872). (*Hofmeist.*).

HERBARIUM and TYPES: The only herbarium known to us to report the presence of Hofmeister herbarium specimens is FI (in the Webb herbarium).
Ref.: Steinberg, C., Webbia 32(1): 28. 1977.

BIBLIOGRAPHY and BIOGRAPHY: ADB 12: 644; Ainsworth p. 343 [index]; Barnhart 2: 190; BM 2: 860; Bossert p. 179; CSP 3: 397-398, 6: 689, 7: 1003, 10: 255, 12: 341, 15: 894; De Toni 1: lxv; DSB 6: 464-468 (by J. Proskauer; impt. assessment); GR p. 90; Jackson p. 560 [index]; LS 12458-12460; Moebius p. 54, 451; NI 902-903; Nordstedt p. 18; PR 4168-4171; Rehder 5: 399; TL-2/2178; Tucker 1: 346.
Anon., Bot. Not. 1878: 44; Hedwigia 16(2): 32. 1877; Flora 60: 64. 1877; Bot. Zeit. 35: 48. 1877.
Bergdolt, E., Karl von Goebel, ed. 2, 260 [index]. 1941 (many refs.; Goebel was H's most illustrious pupil).
Campbell, Science 62 (1597): 127-128. 1925.
Goebel, K. I. E., Wilhelm Hofmeister, Arbeit und Leben eines Botanikers des 19. Jahrhunderts von K. von Goebel, mit biographischer Ergänzung von Frau Professor Ganzenmüller geb. Hofmeister. Leipzig 1924, 177 p. (portr.); English translation by H. M. Bower, London, Ray Society, 1926, xi, 202 p.; see also Plant World 8: 291-298. 1906 (portr.).
Haberlandt, Österr. bot. Z. 27(4): 113-117. 1877.
Harvey-Gibson, R. J., Outlines hist. bot. 272 [index]. 1914.
Lehmann, E., Schwäbische Apotheker 181-183, 210. 1951.
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Oliver, F. W., Makers Brit. Bot. 4, 6, 135, 186, 191, 194, 195. 1913.
Pfitzer, *in* Heidelberger Professoren aus dem neunzehnten Jahrhundert. Festschrift. Heidelberg 1903, vol. 2, p. 267-358.
Rendle, A. B., J. Bot. 63: 336-338. 1926 (extensive review of Goebel, 1924).
Rodgers, A. D., John Torrey 5, 81, 258. 1942.
Smit, J., Hist. life sci. 956. 1974.
Stafleu, F. A., Regn. veg. 71: 327, 338. 1970.
Trimen, H., J. Bot. 15: 64. 1877.
Wittrock, V. B., Acta Horti Berg. 3(3): xxiv, 137, *pl. 79*. 1905 (portr.).

HANDWRITING: see Goebel, Wilhelm Hofmeister, Leipzig 1924 (facsimile repr. of letter opp. p. 144); also: Hoppea 34(2): 419 (no. 3). 1976.

EPONYMY: *Hofmeistera* H. G. Reichenbach (1852); *Hofmeisterella* H. G. Reichenbach (1852).
Note: *Hofmeisteria* Walpers (1846) is dedicated to his father Friedrich Hofmeister (1782-1864), German publisher of several botanical works in Leipzig.

2920. *Die Entstehung des Embryo der Phanerogamen.* Eine Reihe microskopischer Untersuchungen. Leipzig (Verlag von Friedrich Hofmeister) 1849. Qu. (*Entsteh. Embryo Phan.*).
Publ.: Jan-Feb 1849 (rd. Regensburg Mar 1849), p. [i-v], [1]-89, *pl. 1-14* (plain copper engravings of drawings by the author). *Copies*: MO, USDA; IDC 7101.
French transl.: Ann. Sci. nat., Bot. ser. 3. 11: 375-382. 1849.
Ref.: Andersson, Bot. Not. 1849: 131-135. Jul-Aug, 173-176. Oct-Nov. 1849.

2921. *Vergleichende Untersuchungen der Keimung, Entfaltung und Fruchtbildung höherer Kryptogamen* (Moose, Farrn, Equisetaceen, Rhizocarpeen und Lycopodiaceen) und der Samenbildung der Coniferen. Leipzig (Verlag von Friedrich Hofmeister) 1851. Qu. (*Vergl. Unters. Krypt.*).

Publ.: 3-6 Sep 1851 (Hinrichs; rd. Regensburg Sep-Oct 1851), p. [i], [iii], [v]-viii, [1]-179, *pl. 1-33*, copper engravings of drawings by the author. *Copies*: G; IDC 7100.
English transl.: by Frederick Currey, 1862, p. [i]-xvii, [1]-506, *pl. 1-65* newly engraved by T. West (750 copies). *Copies*: MO, NY. – *On the germination, development and fructification of the higher cryptogamia* . . . London (published for the Ray Society . . .) Oct. – 750 copies printed.
Re-issue: 1972 (Kraus Reprint Co.), p. [i]-xvii, [1]-506, *pl. 1-65*. *Copy*: NY.
French transl. (partial; by L.-R. Tulasne): Ann. Sci. nat., Bot. ser. 3. 18: 172-192, *pl. 8-9*. 1852.
Ref.: Anon., Flora 34: 670, 765-770. 1851.
Schlechtendal, D. F. L. von, Bot. Zeit. 9: 808-810. 14 Nov 1851.
Curle, The Ray Society, a bibliographical history 87. 1954.

2922. *Ueber die Stellung der Moose im System* [Regensburg] 1852. Oct.
Publ.: Jan 1852, p. [1]-10. *Copy*: G. – Reprinted from Flora 35: 1-10. 1852. To be cited from journal.

2923. *Beiträge zur Kenntnis der Gefässkryptogamen.* Aus den Abhandlungen der mathematisch-physischen Classe der königlich Sächsischen Gesellschaft der Wissenschaften. Leipzig (Weidmannsche Buchhandlung) 1852-1857, 2 parts. Qu. (*Beitr. Gefässkrypt.*).

[*Part 1*]: 1852 (Flora rd. Dec 1852), p. [121]-179, *pl. 2-19*. *Copies*: G. – Reprinted, with special t.p., from Abh. math. phys. Cl. kön. Sächs. Ges. Wiss. 4: 121-179. *pl. 2-19*. 1852 [volume dated 1855]. The plates are liths. by the author; nos. *ii* and *iii* partly coloured.
Part 2: 1857 (Flora rd. Feb 1857), p. [601]-682, *pl. 1-13*. *Copy*: G. – Repr. from id. 5: 601-682. 1857.

2924. *Neue Beiträge zur Kenntniss der Embryobildung der Phanerogamen* [Leipzig (bei S. Hirzel)] 1859-1861, 2 parts. Qu. (*Neue Beitr. Embryobild. Phan.*).

1: 1859 (on or shortly before 21 Apr, Flora rd. Mai-Jun 1859), Abh. sächs. Ges. Wiss. 6: [533]-672, *pl. 1-26* (uncol. liths. by author). *Copy* of *reprint* with unchanged pagination: M (cover, dedication signed by author 21 Apr 1859).
2: Nov 1861 (Flora rev. 30 Nov 1862, BSbF Jan 1862), ib. 7: [629]-760, *pl. 1-25*. *Copy* of journal publ.: Teyler. – See also Ann. Sci. nat. Bot. ser. 4. 12: 5-71. 1859.

Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 17: 286-287. 19 Aug 1859(1).
Groenland, Bull. Soc. bot. France 6: 491-494. Nov-Dec. 1859(1), 8: 478-481. Jan 1862.

Hogg, Robert (1818-1897), British horticulturist and editor. (*Hogg*).

HERBARIUM and TYPES: Unknown. Letters at K; library sold at Sotheby, 3 Nov 1897.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 190; BB p. 151; BL 2: 220, 669; BM 2: 861; Bossert p. 179; Desmond p. 313; De Toni 1: lxiv; GF p. 59-60; Hortus 3: 1195 ("Hogg"); Kew 3: 11; Jackson p. 406, 560; Langman p. 373; NI 904; PR 4173; Rehder 5: 399; Zander ed. 10, p. 671.
Anon., Proc. Linn. Soc. London 1896/7: 57-58. 1897; Gard. Chron. 1871: 1292-1293 (portr.).
Nelmes and Cuthbertson, Curtis's Bot. Magaz. Dedic. 1827-1927, p. 202. 1932 (portr.).
Wittrock, V. B., Acta Horti Berg. 3(2): 94. 1903.

COMPOSITE WORKS: (1) Editor of *The florist* (1852-1861) and *The florist and pomologist* (1862-1870).
(2) Editor of *The Cottage Gardener*, vols. 14-25 (1855-1861), continued as *The journal of Horticulture*, vols. 26-63 (1861-1880) and ser. 3. vols. 1-14, 1881-1887 (BM 2: 947).

2925. *The vegetable kingdom and its products*; serving as an introduction to the natural system of botany, and as a text-book of all the vegetable substances used in the arts, manufactures, medicine, and domestic economy: arranged according to the system of de Candolle. illustrated with nearly 250 engravings, and containing an enumeration of 7,000 genera and

4,000 synonymes, representing about 100,000 species of plants . . . London (W. Kent & Co. . . .) 1858. Oct. (*Veg. Kingd.*).
Publ.: Jun-Dec 1858 (p. "vi": Mai 1858), p. [i]-iv, ["vi"], [1]-882, *fig. 1-229*. *Copies*: NY, USDA.

2926. *The wild flowers of Great Britain* botanically and popularly described, with copious notices of their history and uses . . . London (Journal of Horticulture & Cottage Gardener office, . . .) 1863-1880, 11 vols. [Oct. in fours]. (*Wild fl. Gr. Britain*).
Co-author: George William Johnson (1802-1886).

1: [1861-] 1863, [1874] p. [i-vi], *pl. 1-81*, with text, col. liths.
2: 1864, [1875] p. [i*-v*], [i]-iv, *pl. 82-160* (id.)
3: 1866, [1876] p. [i*-vi*], [i]-iii, *pl. 161-240* (id.)
4: 1868, [1876] p. [i*-vi*], [i]-iv, *pl. 241-320* (id.)
5: 1869, [1880] p. [i*-vi*], [i]-v, *pl. 321-401* (id.)
6: 1871, [1880] p. [i*-vi*], [i]-v, *pl. 402-481* (id.)
7: 1872, [1880] p. [i*-vi*], [i]-vi, *pl. 482-516*, nos. *469-472* misnumbered for *517-520*, *521-560* (id.)
8: 1874, [1880] p. [i*-vi*], [i]-v, *pl. 561-641* (id.)
9: 1876, [1880] p. [i*-vi*], [i]-ii, *pl. 642-720* (id.)
10: 1878 p. [i-iv], *pl. 721-800* (id.)
11: 1880 p. [i*-ii*], [i]-iv, *pl. 801-828*, *828*[bis]-*831*, *833-924* (id.)

Copy: NY. – This copy consists of a reissue (1874-1880) of vol. 1-9 which have an extra title-page "*The wild flowers of Great Britain* described, and illustrated by original plates drawn and coloured from nature; and arranged according to the natural system, Division [1-9]." The dates are those given in brackets. *Plates*: by Charlotte Gower, W. G. Smith, and F. Waller. The book was originally issued in parts of four plates with text, with undated covers (nos. 143-160 at MO). Fascicle 1 was published in 1861.

2927. *The Herefordshire pomona*, containing coloured figures and descriptions of the most esteemed kinds of apples and pears. With illustrations drawn and coloured from nature by Miss Ellis and Miss Bull. Technical editor: Robert Hogg, . . . General editor: Henry Graves Bull, . . . Hereford (Jakeman and Carver, . . .), London (Journal of Horticulture Office, . . .) 1876-1885 [i.e. 1884]. (*Herefordsh. pom.*).
Co-editor: Henry Graves Bull (1818-1885).
Sponsor: Woolhope Naturalists' Field Club, see BM 5: 2360.
Publ.: 1876-1884, in seven parts, p. [i*-viii*], [i]-xix, [1-3], [1]-160, [1-5, ind.], *3* uncol. *pl.*, *77* col. *pl.* plus pref. material for binding a second vol.: [i-v], to contain the coloured plates. *Copy*: USDA (orig. covers).

part	pages	*plates*	dates
1	1-46	*1-6*	1876
2	47-98	*7-14*	1879
3	99-130	*15-24*	1880
4	131-160	*25-36*	1881
5	-	*37-48*	1881
6	-	*49-61*	1883
7	preface mat., ind.	*62-77*	1884

Hohenacker, Rudolf Friedrich (1798-1874), German missionary (1822-1830), physician, botanist and collector; collecting 1830-1841; from 1842-1858 at Esslingen, selling plant collections made by himself and others; from 1858 at Kirchheim/Teck. (*Hohen.*).

HERBARIUM and TYPES: See IH. – Hohenacker was associated with the *Esslinger Reiseverein* (Unio itineraria) between 1829 and 1842. From 1843 onward Hohenacker issued independently series of exsiccatae containing plants collected by himself and by others. The collections which remained after his death were dispersed by sale, first by B. Wartmann, later by K. Keck.

Exsiccatae: (1) *Algae marinae exsiccatae* (siccatae) (fasc. 1-12, nos. 1-600, 1852-1862), B, BAS, BM, FH, G, GOET, HAL, KIEL, L, M, NY, STR, UPS, W.
(2) *Herbarium normale plantarum officinalium et mercatorium* (fasc. 1-5, 1850-1872).

1: 1850, see Bot. Zeit. 8: 422-424 (rev. Bischoff).
2: Jan 1856, see B.Z. 14: 133-135. 22 Feb 1856, Flora 7 Feb 1856.
3: Sep 1859, see B.Z. 17: 320, 359-360. 1859.
4: Aug 1869, see B.Z. 27: 582-584. 27 Aug 1869.
5: Jun 1872, see B.Z. 30: 521-522. 12 Jul 1872.

Ref.: Hohenacker, R. F., Bonplandia 1(22): 230-231. 1853 (sale collections; independent establishment).
Schlechtendal, D. F. L. von, Bot. Zeit. 33: 95-96. 1875 (coll. in estate).
Sayre, G., Mem. New York Bot. Gard. 19(1): 79-80. 1969.
Baur, Jahrb. Gesch. Oberdeut. Reichsst. 16: 252. 1970 (q.v. for list of H's publications on his collections, connection with the "Reiseverein", etc.).
Hedge, I. C. and J. M. Lamond, Ind. coll. Edinburgh 91. 1970.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 848, 6(2): 584; Barnhart 2: 191; Backer p. 270; BM 2: 861; Bossert p. 179; Clokie p. 184; CSP 3: 400; DTS 6(4): 154-155; Frank 3(Anh.): 45, Hortus 3: 1195 ("Hohen."); IH 2: 281; Kew 3: 11; Lasègue p. 117, 298, 503; Lipschitz 2: 297; PR 4174-4175 (ed. 1: 4620-4621); Rehder 5: 399; TL-2/ind.; TR 585-586; Tucker 1: 346; Urban-Berl. p. 265, 357; Zander ed. 10, p. 671.
Anon., Bot. Not. 1875: 30; BSbF 21(bibl.): 189. 1874.
B., Bot. Zeit. 32: 829. 1874.
Baur, 124 Jahresh. Ges. Naturk. Wurttemberg: 146-156. 1969 (main biogr.; portr.); Jahrb. Ges. oberdeut. Reichsst. 16: 239, 240, 241, 242, 251-253. 1970.
Candolle, A. P. de, Mém. souvenirs 472. 1862.
Hohenacker, R. Fr., Bonplandia 1(22): 230-231. 1853.
Husnot, T. H., Rev. bryol. 2(1): 16. 1875.
Lindemann, Bull. Soc. Natural. Moscou 59(1): 304. 1884.
Radde, G., Grundz. Pflanzenverbr. Kaukasusländer 4, 6, 14, 1899 (Veg. Erde 3).
Stafleu, F. A., Regn. veg. 71: 309, 338. 1970.
Schimper, Flora 39: 459-461. 1856 (letter to H. on collecting in Abyssinia).
Schultz-Bipontinus, C. H., Flora 30: 374-375. 1847 (letter to H.).
Trimen, H., J. Bot. 13: 63. 1875.

EPONYMY: *Hohenackeria* F. E. L. Fischer & C. A. Meyer (1836).

2928. *Enumeratio plantarum quas in itinere per provinciam Talysch* collegit R. Fr. Hohenacker [Moskva 1838]. Oct. (*Enum. pl. Talysch*).

Part [*1*]: Aug-Oct 1838 (p. 8: Jan 1837), p. [1]-100. *Copies*: MICH, NY, U. – Reprinted from Bull. Soc. Natural. Moscou 1838(3): 231-330. Aug-Oct 1838.
Continuatio: 1838, p. [101]-178, map. *Copies*: MICH, NY, U; IDC 903. – Reprinted from id. 1838(4): 337-414. 1838.

Holandre, Jean Joseph Jacques (1778-1857), French naturalist and librarian; forest superintendent in Illyria 1809-1814; from 1817 at Metz in charge of the Musée d'histoire naturelle; from 1823 also town librarian; from 1840 devoting himself exclusively to botany. (*Holandre*).

HERBARIUM and TYPES: For the greater part at the Musée d'histoire naturelle, Metz.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 511; Barnhart 2: 191; BL 2: 183, 669; BM 2: 861, 6: 474; CSP 3: 401, 12: 341; Kew 3: 11; PR 4176 (ed. 1: 4622); Rehder 5: 400; Tucker 1: 346; Zander ed. 10, p. 671.
Fischer, Bull. Soc. Bot. Belgique 8: 206-214. 1869.
Kirschleger, F., Fl. Alsace 2: lxxi. 1857.
Vaillant et Clerx, A la memoire de M.J.-J.-J. Holandre, Metz 1857, 46 p.

2929. *Flore de la Moselle*, ou manuel d'herborisation, précédé d'un aperçu géologique sur le département et d'éléments abrégés de botanique ... Metz (chez Mme Thiel, libraire-éditeur, ...) 1829, 2 vols. 18-mo. (sign. of 24 and 12 p. alternate). (*Fl. Moselle*).

Ed. 1, vol. 1: 1829, p. [i]-lxxviii, [1]-291; *vol. 2*: 1829, p. [i-iv], [293]-712. *Copies*: BR, G, L, NY, USDA. – *Supplément*: 1836, see no. 2930.
Ed. 2: Metz (Verronais ...), [vol. 1:] Paris (Roret), 2 vols. 1842. 18-mo. *Nouvelle flore de la Moselle, ... vol. 1*: p. [i]-lxxvi, [1]-455; *vol. 2*: p. [457]-948. – *Copies*: BR, G, M, NY, USDA.

2930. *Supplément à la flore de la Moselle*, contenant les plantes découvertes depuis 1829 jusqu'au 31 décembre 1835, avec le 2e ordre de la cryptogamie, ou les mousses et les hépatiques ... à Metz (chez Mme Thiel, libraire-éditeur ...) 1836. 18-mo. (*Suppl. Fl. Moselle*).
Publ.: 1836, p. [i*-iii*], [i]-iv, [1]-230. *Copies*: BR, USDA (p. 1-230 only).

2931. *Table analytique* pour faciliter l'étude des plantes dans la nouvelle flore du département de la Moselle ... à Metz (chez Verronnais, ...) 1847. 18-mo. (*Table anal.*).
Publ.: 1847, p. [1]-75. *Copy*: NY.

Holden, Isaac (1832-1903), American algologist; graduate of Dartmouth College, Conn. (1852); high school teacher 1852-1872; in private business (1872), at Bridgeport, Conn. 1878-1903. (*Holden*).

HERBARIUM and TYPES: Material at FH, MIN, NEBC and NY. For the *Phycotheca boreali-americana* see F. S. Collins. Additional references: Wood (1965) and Fahey and Doty (s.d.).
Ref.: Day, Rhodora 3: 255. 1901 (herbarium still private).
Koster, J. T., Taxon 18: 1969.
Wood, R. D., Monogr. Charac. 1: 788. 1965.
Fahey, E. M. and M. S. Doty, An alphabetical index to the Phycotheca boreali-americana, mimeogr., 37 p. s.d.
Anon., Bull. Torrey bot. Club 21: 490. 1894, Bot. Gaz. 20: 126. 1895 (announcement *Phycotheca*; 80 sets).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 191; CSP 15: 904; IH 2: 281.
Anon., Torreya 3(8): 128. 1903.
Collins, Rhodora 5: 219-220. 1903.
Ewan, J. et al., Short hist. bot. U.S. 17, 75. 1969.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 182, 567. 1963.
Rickett, H. W., Index Bull. Torrey bot. Club 47. 1955 (bibl.).

Holkema, Franciscus (1840-1870), Dutch botanist; studied at Groningen, pupil of H. C. van Hall; pioneer dutch plant-geographer. (*Holkema*).

HERBARIUM and TYPES: L, NBV.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 436, 669; BM 2: 862; CSP 7: 1005; IH 2: 281; Jackson p. 325; JW 1: 444; Oudemans p. 260; Rehder 1: 391; Tucker 1: 347.
Anon., Bot. Not. 1888: 206.
v. I. (Iterson), Natura 130: 90. 5 Jun 1912 (brief review of Holkema's pioneer work) (portr.).
Stafleu, F. A., Wentia, 16: 6. 1966.

NOTE: Holkema was born at Oldeboorn, 10 Mai 1840 and died 11 Jun 1870 at Groningen (Ned. Patriciaat 37: 9; information A. P. M. Sanders).

2932. *De plantengroei der Nederlandsche Noordzee-eilanden*: Texel, Vlieland, Terschelling, Ameland, Schiermonnikoog en Rottum. Eene bijdrage tot de flora van Nederland ... Met eene voorrede van H. C. van Hall ... Amsterdam (Scheltema en Holkema) 1870. Oct. (*Plantengr. Ned. Noordzee-eil.*).
Preface: Herman Christiaan van Hall (1801-1874).

Publ.: Aug-Nov 1870 (Flora rd. Dec 1870; p. viii: 24 Jul 1870), p. [i]-viii, [1]-268, [i]-ii. *Copies*: FAS, KNAW, L, Teyler.
Facsimile ed.: Schiedam (Interbook International B.V.) 1976, collation: as original. *Copy*: FAS. – See Taxon 27(1): 108. 1978.
Ref.: Focke, W. O., Bot. Zeit. 29: 687-690. 6 Oct 1871.
Sande-Lacoste, C. M. v.d., Ned. kruidk. Arch. ser. 2. 1: 105-106. 1871 (additions).

Holl, Friedrich (*fl.* 1840-1850), German botanist and pharmacist at Dresden. (*Holl*).

HERBARIUM and TYPES: *Exsiccatae*: plants from Portugal and Madeira (*Plantae maderenses*, 1827) in B, BR, KIEL, L, LZ, MO, OXF, STR, W.
Ref.: Holl, F., Flora 13: 369-392. 1830 (list pl. Madeira).
Sayre G., Mem. New York Bot. Gard. 19(3): 340. 1975.

NOTE: It is not clear to us whether this Friedrich Holl is identical with C. F. Holl who issued *Deutschlands Schwämme* (Lief. 1-9, nos. 1-225, 1815-1819) together with J. C. Schmidt (later issues by J. C. Schmidt and G. Kunze), (sets at B, BM, FH, K, KIEL, L, MANCH, NY, STR, TO, W.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 192; BM 2: 862; Clokie p. 184; CSP 3: 403-404; GR p. 21; IH 2: 281; Jackson p. 310; Kew 3: 12; Lasègue p. 185, 449; LS 12473-12478; PR 4177-4179 (ed. 1: 4623-4625); Rehder 5: 400; Tucker 1: 347.
Fischer-Benzon, R. J. D. von, *in* P. Prahl, Krit. Fl. Schleswig-Holstein 2: 25. 1890.

COMPOSITE WORKS: Friedrich Holl und Gustav Heynhold, *Flora von Sachsen*, 1842, see nos. 2740 and 2741.

EPONYMY: *Hollia* Sieber (1826); *Hollia* Heynhold (1846). *Note*: The etymology of *Hollia* Endlicher (1842) could not be established.

2933. *Wörterbuch deutscher Pflanzen-Namen*, oder Verzeichiss sämtlicher in der Pharmacie, Oekonomie, Gärtnerei, Forstkultur und Technik vorkommenden Pflanzen und Pflanzentheile nach ihren Provinzial- und systematischen Namen, nebst Angabe der lateinischen, wie auch der Stellung im künstlichen und natürlichen System. Herausgegeben von Friedrich Holl, Privatlehrer der Pharmacie. Erfurt (im Verlag der Keyser'schen Buchhandlung) 1833. Oct. (*Wörterb. deut. Pfl.-Namen*).
Publ.: Aug-Oct 1833 (p. iv: Jul 1833; Regensburg "vorgelegt" 16 Oct 1833, see Flora 16: 669. 1833), p. [i]-iv, [1]-434. *Copy*: NY.

Holle, Georg Karl Hans Dietrich (1825-1893), German land-owner and botanist. (*Holle*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 50: 450; AG 2(1): 627; Barnhart 2: 193; BM 2: 863; CSP 3: 405, 7: 1006; DTS 6(4): 88; GR p. 90; Jackson p. 152; PR 4180-4183; Rehder 1: 385.
Drude, O., Hercyn. Florenbezirk 10. 1902 (Veg. Erde 6).

2934. *Zur Entwicklungsgeschichte von Borrera ciliaris*. Inaugural-Dissertation von G. von Holle – Dr. phil. Göttingen (Druck von Ernst August Huth) 1849. Qu. (*Entw.-Gesch. Borrera*).
Publ.: 1849, p. [i-iii], [1]-43, *pl. 1-2*, uncol. liths. *Copies*: MO, NY.

2935. *Farnflora der Gegend Hannover*. Hannover. Von G. v. Holle, Dr. phil. Hannover (Carl Rümpler) 1862. Oct. (*Farnfl. Hannover*).
Publ.: 1862, p. [i, iii], [1]-31. *Copies*: G (p. [1]-31 only), NY; IDC 7195. – This is Heft 1 of the *Flora von Hannover*, no. 2936.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 20: 303. 12 Sep 1862.
Seemann, B., J. Bot. 1: 188-189. Jun 1863.

2936. *Flora von Hannover*. Ein Taschenbuch zum Bestimmen der um Hannover wildwachsen-

den und allgemein cultivirten Gefässpflanzen. Von G. v. Holle, ... Hannover (Carl Rümpler) 1862. Oct. †. (*Fl. Hannover*).

Heft 1: 1862 (J. Bot. 1: 188-189. 1863), p. [1]-31. *Copies*: G, HBG (orig. cover Heft 1 with above title), NY (id.).
Hefte 2-3: 1867?, p. 33-197. *Copies*: G, HBG, NY.

Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 20: 384. 7 Nov 1862.

Holler, August (1835-1904), German (Bavarian) bryologist and physician; studied at München, Praha and Berlin; regional physician at Mering nr. Augsburg (1862), from 1880 idem at Memmingen, from 1899 as "Kgl. Medizinalrath." (*Holler*).

HERBARIUM and TYPES: Moss herbarium at M (rd. 1 Mar 1906); further material at B, BP, BR, H, KIEL, M, OXF, PC.
Ref.: Familler, I., Denkschr. bay. bot. Ges. Regensburg 11: 15. 1911.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(2): 68; Barnhart 2: 193; Clokie p. 185; CSP 3: 406, 12: 342; DTS 1: 123-124, xx, 5: xlix, 6(4): 155; IH 2: 282; Jackson p. 301; PR(alph.); SBC p. 122; Urban-Berl. p. 302, 358.
Anon., Biogr. notice and list of contents of herbarium, mss. at M.
Engler, A., Bot. Jahrb. 10(Lit.): 42. 1889 (rev. *Moosfl. Ostrachalpen*).
Geheeb, A., Rev. bryol. 3(4): 59-60. 1876, 7(2): 28-29. 1880, 15(6): 95. 1888.
Familler, I., Denkschr. Regensb. bot. Ges. 11: 9, 11, 12, 18. 1911 (moss herb. at M.; bibl.).
Pail, H., Ber. bayer. bot. Ges. 10: 1-6. 1905 (portr., bibl.).
R., Ber. naturw. Ver. Schwaben Neuburg 37: 279-282. 1906.
Volkens, G., Verh. bot. Ver. Brandenburg 51: (85). 1910.

2937. *Die Moosflora von Memmingen* und dem benachbarten Oberschwaben ... [Augsburg] 1898. Oct. (*Moosfl. memmingen*).
Publ.: 1898 (Nat. Nov. Jan(2) 1899; Rev. bryol. Jan-Feb 1899) p. [i], 131-201. *Copy*: G. – Reprinted with original pagination and extra t.p. from Ber. naturf. Ver. Schwaben Neuburg (Augsburg) 33: 131-201. 1898.

Hollerbach, (Gollerbach), **Maksimilian Maksimilianovitsch** (1907-x), Soviet botanist at Leningrad. (*Hollerb.*).

HERBARIUM and TYPES: LE.

BIBLIOGRAPHY and BIOGRAPHY: GR p. 548, cat. p. 65; IH 2: 282; LS suppl. 12117-12118; MW suppl. p. 109; Roon p. 53.
Abramov, I. I., Bot. Zhurn. 59: 1218-1224. 1974 (on H's position in 75 years of cryptogamy at LE).
Abramov et Lebedev, Bot. Zhurn., Leningrad 53: 1334-1339. 1968 (portr., bibl.).
Koster, J. T., Taxon 18: 553. 1969.
Wood, R. D., Monogr. Charac. 1: 825. 1965 (bibl., Charac.).
Shetler, S. G., The Komarov bot. Inst. 114, 121, 130. 1967.

Hollick, [Charles] Arthur (1857-1933), American dendrologist and palaeobotanist; sanitary engineer New York Board of Health 1881-1891; at Columbia College 1890-1901; after the transfer of the Columbia fossil collections to NY curator of the collections of fossil plants of the New York Botanical Garden 1902-1921, palaebotanist 1922-1933. (*Hollick*).

HERBARIUM and TYPES: NY; further material at the Staten Island Institute of Arts and Sciences (see below under no. 2938).

NOTE: Hollick, baptized Charles Arthur, abandoned the use of the name Charles early in life. H. was an experienced draughtsman; he illustrated all his own publications but also provided many drawings for Britton's *An illustrated flora of the Northern States*, 1896-1898, 3 vols., see TL-2/778 (Ill. fl. n. U.S.).

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 279; Barnhart 2: 193; BL 1: 201, 212, 301; BM 2: 863, 6: 476; Bossert p. 179; CSP 12: 342; Hirsch p. 127; Kew 3: 13; Langman p. 374; Lenley p. 226-227; LS 34679-34682; MW p. 184; Quenstedt p. 206-207; Rehder 5: 400; SBC p. 122 ("Hollick"); Stevenson p. 1245; TL-2/775, 777; Tucker 1: 347.
Anon., Proc. Staten Island Inst. Arts. Sci. 7: 11-23. 1933 (portr., bibl.).
Britton, N. L., J. New York Bot. Gard. 34: 121-124. 1933 (portr.).
Ewan, J., Southw. Louisiana J. 7(1-4): 34. 1967; Short hist. bot. U.S. 106. 1969.
Hollick, C. A., Mem. Torrey bot. Club 17: 29-30. 1918 (Torrey bot. Club reminiscences).
House, H. D., Bibl. bot. N.Y. State 1751-1940, p. 33, 202. 1942 (N.Y. State Mus. Bull. 328: 33. 1942, 329: 202. 1942).
Howe, Torreya 33(2): 56, 104. 1933; Bull. Torrey bot. Club 60(8): 537-553. 1933 (main bibl., portr.).
Hultén, E., Bot. Not. 1940: 320 (Alaskan coll. at NY).
Jeffrey, Science 77: 440-441. 1933
Murrill, W. A., Hist. found. bot. Florida 21. 1945.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 477 [index]. 1963.
Rickett, H. W., Index Bull. Torrey bot. Club 47-48. 1955 (bibl.).
Rusby, H. H., Torreya 6: 138-139. 1906.

COMPOSITE WORKS: Hollick edited J. S. Newberry, *The later extinct floras of North America* (1898), Monographs United States Geological Survey, vol. 35, 1898; see also J. S. Newberry, The flora of the Amboy Clays, ibid. 26, 1895, 260 p., *58 pl.*

2938. *The flora of Richmond County*, New York. A catalogue of the phaenogamous and vascular cryptogamous plants, with occasional notes on the same, growing in Richmond Co., independent of cultivation . . . Staten Island 1879. Qu. (*Fl. Richmond Co.*).
Co-author: Nathaniel Lord Britton (1859-1934).
Publ.: 1879, p. [1]-36. *Copies*: MO, NY(2). – Additions in Bull. Torrey bot. Club 7: 11-12. 1880, 8: 48. 1881, 9: 149-151. 1882, 12: 38-40. 1885, 13: 83-84. 1886, 16: 132-134. 1889, 17: 11-12. 1890, 18: 213-214. 1891, 22: 460. 1895. – Published in the year (1879) in which both Britton and Hollick graduated from the School of mines of Columbia College, New York. – The updated manuscript of the flora was deposited by the authors at the Staten Island Institute of Science and Arts. This institute also holds a herbarium including specimens of Britton, Hollick, and House (Inf. P. K. Holmgren).
Ref.: Anon., Bull. Torrey bot. Cl. 6: 299-300. Mar 1879.
Barnhart, J. H., Mem. Torrey bot. Cl. 5: 42, 1915.

2939. United States Geological Survey . . . *The Cretaceous flora of Southern New York and New England* . . . Washington (Government Printing Office) 1906. Oct. (*Cretac. fl. S. New York*).
Publ.: 1906, p. [1]-219, *pl. 1-40* with text. *Copies*: MO, NY, USDA, USGS. – Monographs of the United States Geological Survey, vol. 50.

2940. *Studies of Cretaceous coniferous remains from Kreischerville*, New York . . . New York (New York Botanical Garden) 1909. Oct. (*Stud. Cretac. conif.*).
Co-author: Edward Charles Jeffrey (1866-1952).
Publ.: 20 Mai 1909 (t.p.), p. [i]-viii, [1]-138, *pl. 1-29*. *Copy*: USGS. – Memoirs of the New York Botanical Garden, vol. 3.

2941. New York Academy of Sciences. Scientific Survey of Porto Rico and the Virgin Islands volume vii – part/3 *Palaeobotany of Porto Rico* by Arthur Hollick. New York (published by the Academy) 1928. Oct. (*Palaeobot. Porto Rico*).
Publ.: 31 Oct 1928, in vol. 7, p. [i], 175-238, *pl. 51-88* (Parts 1 and 2 of vol. 7 contain H. A. Gleason and Mel. T. Cook, *Plant ecology of Porto Rico*). *Copies*: NY, U, USGS.

2942. United States Department of the Interior . . . Geological Survey . . . Professional paper 159. *The upper Cretaceous floras of Alaska* by Arthur Hollick with a description of the plant-bearing beds by George C. Martin. United States, Washington (Government Printing Office) 1930. (*Upper Cretac. fl. Alaska*).
Co-author: George Curtis Martin (1874-1943).
Publ.: 1930, p. [i, iii, v], [1]-123, *pl. 1-86*. *Copy*: USGS.

Hollós, Ladislaus (Lászlo) (1859-1940), Hungarian high school teacher and botanist at Kecskemét. (*Hollós*).

HERBARIUM and TYPES: BP; other material B, G ("*Fungi hungarici*", rd. 1929), PAV, PRE.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 194; BJI 2: 77-78; BM 6: 476; Bossert p. 180; CSP 15: 913; DTS 3: xliv; IH 2: 282; Kew 3: 14; LS 12491-12530, 34683-34702, suppl. 12119-12131; MW suppl. p. 109; NI 905; Stevenson p. 1245; Urban-Berl. p. 276.
Anon., J. Mycol. 12: portr. opp. p. 86. 1906.
Moesz, Bot. Közlem. 38(3-4): 111-116. 1941 (bibl.), (in Hungarian, followed by German summary).
Pax, F., Grundz. Pflanzenverbr. Karpathen 2: 275, 277. 1908 (Veg. Erde 10).

EPONYMY: *Hollosia* V. K. Gyelnik (1939).

2943. Gasteromycetes Hungariae. Cum tabulis xxxi. *Die Gasteromyceten Ungarns.* Im Auftrage der Ungarischen Akademie der Wissenschaften bearbeitet von Dr. Ladislaus Hollós . . . autorisierte deutsche Übersetzung . . . Leipzig (in Kommission bei Oswald Weigel) 1904. Qu. (*Gasteromyc. Ungarns*).
Publ.: Jan-Feb 1904 (Nat. Nov. Mar(1) 1904), p. [1]-210, [211-276 expl. pl.], [277-]278, ind., *pl. 1-2, 2 bis, 3-6, 6 bis, 7-29* (col.). *Copies*: MO, NY, Stevenson, USDA. – The original Hungarian text published in 1903 (fide DTS): *Allami föreáliskolai tanár kecskeméten* . . . Budapest 1903, 264 p., *pl. 1-29, 2 bis, 6 bis* (Moesz, 1941, no. 64, gives different information).

2944. *Magyarország földalatti gombái*, szarvasgombaféléi. (Fungi hypogaei hungariae) . . . Budapest (Kiadja a k.m. Természettudományi Társulat) 1911. Qu.
Publ.: 1911 (p. v: Jan 1911), p. [i]-xii, [1]-248, [1], *pl. 1-5* with text. *Copy*: Stevenson.

Holm, Herman Theodor (1854-1932), Danish born botanist; pupil of Warming; on the Denmark North Polar Expedition (1882-1884); settled in the U.S.A. in 1888; at the U.S. National Museum 1888-1893; pathologist in the U.S.D.A. 1893-1897; later associated with the Catholic University (LCU). (*Holm*).

HERBARIUM and TYPES: LCU; for duplicates see IH. – Holm planned to leave his herbarium and library to the University library of Leuven (Louvain) because of the destruction of his library during World War I. It is not clear why this intention was never realized; neither LV, not the Universiteitsbibliotheek at Leuven have any Holm material (inf. E. Petit).

BIBLIOGRAPHY and BIOGRAPHY: AG 3(2): 179, 3(3): 197; Barnhart 2: 194; BJI 1: 28, 2: 79; BL 1: 138, 154, 170, 172; Bossert p. 180; CSP 15: 915; Hortus 3: 1195 ("H. T. Holm"); IH 2: 282; Kleppa p. 300; KR p. 300; Langman p. 374; LS 12560-12562; MW p. 184; NW p. 48; Pennell p. 609; Rehder 5: 401; SO 2897; Tucker 1: 347.
Allison, Univ. Colo. Studies 6: 63. 1908 (bibl.).
Anon., New York Times 5 Feb 1933 (collections and library willed to Louvain); J. New York Bot. Gard. 12: 131-132. 1912; Amer. Midl. Natural. 14(2). 1933 (portr.); Generalregister Bot. Not. 1839-1939: 33, 99. 1939.
Ewan, J., Rocky Mountain naturalists 232. 1950.
Fairchild, D., The world was my garden 42. 1938 (portr.).
Fawcett, Recalls War Tragedy. Botanist leaves work to Belgium, unidentified newspaper cutting at MO. (According to this obituary Holm left his library and herbarium to the University of Louvain; it is not known to us whether this will was indeed effectuated.).
Pohl, F., Generalreg. BBC 1-17, 18-45(1): 8. 1931; 18-50: 9. 1942.
Rickett, H. W., Index Bull. Torrey bot. Club 49. 1955.
Rydberg, P. A., Augustana Coll. Lib. Publ. 5: 40. 1907.
Woods, Science 77: 183-184. 1933.

COMPOSITE WORKS: See BM 6: 477 for his "Types of Claytonia."

EPONYMY: *Holmia* Börner (1913).

Holm, Jørgen Tyche (Georg Tycho) (1726-1759), Danish botanist, pupil of Linnaeus (1750-1751, 1754-1757), Dr. med. Uppsala 1757. (*J. Holm*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 194; KR p. 300; Rehder 1: 351; SO 1952-1955.
Christensen, C., Danske Bot. Hist. 1: 68, 75-76, 2: 44-45. 1924.
Fries, Th. M., Bref Skrifv. Linné 1(4): 289, 319, 323. 1910; 1(6): 83, 216. 1912.
Hulth, J. M. & A. H. Uggla, Bref Skrifv. Linné 2(1): 102, 103, 415, 416. 1916; 2(2): 12, 13, 14. 1943.

2945. D.A. *Prodromus florae danicae*, quem, suffrag. experient. facult. medic. in regia academia Upsaliensi, praeside, viro nobilissimo ac celeberrimo Dr. Doct. Carolo Linnaeo, . . . publicae censurae sistit Georgius Tycho Holm, fyonia-danus. In auditorio Carol. maj. d. ii. Jun anni mdcclvii. H. A. & P. M. C. Upsaliae. Excud. L. M. Höjer, Reg. Acad. Typogr. [1757]. Qu. (*Prod. fl. danic.*).
Publ.: 2 Jun 1757, p. [1]-26, [1-2]. *Copies*: MO. – Atrributed to Holm by both Krok and Christensen, rather than to Linnaeus himself. For later editions see SO 1953-1955.
Ref.: Rothmaler, W., Repert. Sp. nov. 53(1): 31. 1944.

Holmberg, Eduardo Ladislao (1852-1937), Argentine naturalist, first native Argentinian to become a professional and outstanding botanist and zoologist. (*E. Holmb.*).

HERBARIUM and TYPES: Some material at MO; Mrs. N. S. T. de Burkart kindly informed us that she has not been able to find any trace of a Holmberg herbarium in Argentina. BA received a collection of plants from the Holmberg family; this collection, however, had to be discarded because of the bad state of preservation.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 194; BL 1: 232; BM 2: 865; CSP 10: 261, 12: 342, 15: 916; IH 2: 282; Kew 3: 15-16; Rehder 5: 401.
Burkart, A., Darwiniana 10(1): 9-18. 1952 (bibl.).
Castellanos et al., An. Soc. ci. Arg. 124: 369-376. 1937 (bibl., portr.).
Hicken, C. M., Darwiniana 1: 7-21. 1922 (bibl.).
Kurtz, F., Bol. Acad. nac. Ci. Cordoba 19: 284-286. 1913, 20: 20. 1915 (bibl.).
Molfino, J., Physis 12: 383-386. 1938 (portr.).
Turrill, W. B., Bull. misc. Inf. Kew 1920: 64.
Verdoorn, F., Chron. bot. 4(2): 170. 1938.

COMPOSITE WORKS: (1) *El naturalista argentino*, 1878, editor.
(2) *Apuntes de historia natural*, vols. 1-2, 1909, editor.
(3) See BM 6: 477.

POSTAGE STAMPS: Argentina 6 p. (1969) yv. 844.

EPONYMY (genus): *Holmbergia* Hicken (1909); (journal): *Holmbergia*. Revista del Centro de Estudiantes del Doctorado en Ciencias Naturales. Buenos Aires. Vol. 3(6)-x. 1941-x.

2946. *Repertorio de la flora argentina* que comprende las descripciones más ó ménos abreviadas de las especies de plantas indígenas de la República Argentina, y de las que se han naturalizado ó se cultivan en su suelo, con cuadros sinópticos que facilitan su determinacion y notas relativas à sus productas, aplicaciones en la industria, en el comercio, en la agricultura, en las artes, en la medicina, & & . . . Buenos Aires (Compañía Sud-Americana de Billetes de Banco . . .) 1902-1904. Oct. (*Repert. fl. argent.*).

Fasc. [*1*]: 1902, p. [1]-32.
Fasc. [*2*]: 1903, p. 33-64.
Fasc. [*3*]: 1904, p. 65-96.
Fasc. [*4*]: 1904, p. 97-128.

Copy: US.

Holmberg, Otto Rudolf (1874-1930), Swedish botanist; curator at Lund from 1909. (*Holmb.*).

HERBARIUM and TYPES: LD; other material at GB.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 195; BL 2: 476; Bossert p. 180; CSP 15: 916; Hirsch p. 127; IH 2: 282; Kew 3: 16; Kleppa p. 177, 178, 238; KR p. 301-302; MW p. 184; SO add. 909a.
Anon., Bot. Not. 12: 148, 296; 31: 143; 33: 44, 52, 58, 61, 65, 68, 69, 71; Generalregister Bot. Not. 1839-1938: 33-34, 99. 1939.
Simmons, H. G., Sv. bot. Tidskr. 25(1): 139-144. 1931 (bibl.).
Sylvén, Bot. Not. 1931: 143-146 (portr.).
Wittrock, V. B., Acta Horti Berg. 3(3): 17. 1905.

2947. Hartmans handbok i *Skandinaviens flora* redigerad av Otto R. Holmberg . . . Stockholm (P. A. Norstedt & Söners Förlag) 1922-1931. Oct. †. (*Skand. fl.*).

Häfte 1: Jun-Dec 1922 (printing finished 1 Jun 1922, cover p. 3), p. [1]-160, map.
Häfte 2: Sep-Dec 1926 (20 Aug 1926, id.), p. 161-320.
[*Vol.*] *2a*: 1928 (20 Jan 1928, id.), p. [i-iii], [1]-224. – Contains: II. Mossor, a. Levermossor, by Hampus Wilhelm Arnell (1848-1932).
[*Vol.*] *1b*, *Häfte 1*: Jul-Aug 1931 (16 Jun 1931, id.; Nat. Nov. Sep 1931), p. [1]-160, chart.

Copies: FH(2a), G, NY, US, USDA. – See also no. 2426.

Holmes, Edward Morell (1843-1930), British pharmaceutical botanist and algologist, curator of the Museum of the Pharmaceutical Society of Great Britain (1872-1922). (*Holmes*).

HERBARIUM and TYPES: PHA (British phanerogams), NMW (hepatics), BIRM (algae), NOT (lichens). Other lichens at BM and DOR; other cryptogams at CGE. Exsiccatae: *Algae britannicae rariores exsiccatae* (fasc. 1-12, ed. 1883-1910, nos. 1-312, partly with E. A. L. Batters) sets at B, BM, BR, DBN, E, FH, KIEL, MANCH, OXF, S, TCD (see Sayre 1969). Letters at K and LINN.
Ref.: Britten, J., J. Bot. 45: 79-80. 1907 (description of H's algae herbarium, now at BIRM).
Kent, D. H., Brit. herb. 60. 1957.
Sayre, G., Mem New York Bot. Gard. 19: 80-81. 1969.
Hedge, I. and Lamond, Ind. coll. Edinburgh 92. 1970.
Hawksworth, D. L., Prel. bibl. brit. lichens 98. 1976.
Hawksworth, D. L. & M. R. D. Seaward, Lichenol. Brit. Isl. 19, 23-24, 96-97, 198. 1977.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 195; BL 1: 142, 301; BM 2: 865, 6: 477; Clokie p. 185; CSP 7: 1007, 10: 261, 12: 342, 15: 916-917; Desmond p. 315; De Toni 1: lxv, cxxxvii, 4: xxx; GR p. 401; Hortus 3: 1195 ("Holmes"); IH 2: 283; Jackson p. 60, 251, 414; Kew 3: 16-17; Langman p. 374; LS 12565-12572, suppl. 12148; MW p. 184, suppl. p. 109; Rehder 5: 401; TL-2/360; Tucker 1: 347; Urban-Berl. p. 265; Zander ed. 10, p. 671.
Anon., Who was Who 1929-1940, p. 656-657 (fide Desmond).
Britten, J., J. Bot. 35: 502. 1897.
Cotton, A. D., Proc. Linn. Soc. London 1930/31: 177-179. 1931.
Koster, J. T., Taxon 18: 553. 1969.
Rendle, A. B., J. Bot. 68: 310-313. 1930.
Shellard, Bot. J. Linn. Soc. 67: 1-2. 1973.
Wittrock, V. B., Acta Horti Berg. 3(2): 94. 1903.

COMPOSITE WORKS: With E. A. L. Batters, A revised list of the British marine algae, published in *Annals of Botany*, vol. 5, no. 17, p. 63-107, for December 1890, published Jan 1891 (see G. M. (Murray), J. Bot. 29: 91-92. 1891). Appendix, Ann. Bot. 5(21): 518-526. 1891.

EPONYMY: *Holmesia* J. G. Agardh (1890); *Holmsella* [sic] H. H. Sturch (1926); *Neoholmesia* H. Mikami (1972).

2948. *The mosses of Devon and Cornwall* [Plymouth 1869]. Oct. (*Mosses Devon Cornwall*).
Co-author: Francis Brent (1816-1903).
Publ.: 1869, p. [1]-31. *Copy*: FH. – Reprinted from Plymouth Inst. Trans. 3(2): 315-335. 1868-69. Published in conjunction with I.N.N. Keys, *Fl. Devon Cornwall* (1866-71), see no. 3609.

2949. *Scale mosses and liverworts of Devon and Cornwall* [Plymouth 1869]. Oct. (*Scale mosses liverw. Devon Cornwall*).
Publ.: 1869, p. [1]-9. *Copy*: FH. – Reprinted from Plymouth Inst. Trans. 3(2): 337-345. 1868/9. See also no. 2948.

2950. *Lichens of Devon and Cornwall* [Plymouth 1869]. Oct. (*Lich. Devon Cornwall*).
Publ.: 1869, p. [1]-39. *Copy*: FH. – Reprinted from Trans. Plymouth Inst. 3(2): 347-375. 1868-69. See also no. 2948.

2951. *The cryptogamic flora of Kent* . . . [London] 1878. Oct. (*Crypt fl. Kent*).
Publ.: 1878, p. [1]-27 (Lichens). *Copy*: G. – Reprinted from J. Bot. It is not known to us whether all parts were reprinted with independent pagination. Original publication of the series was as follows:

6:	11-16 Jan 1877	7:	43-54 Feb 1878.
	50-56 Feb 1877.		117-120 Apr 1878.
	81-85 Mar 1877.		209-212 Jul 1878.
	108-113 Apr 1877.		329-345 Nov 1878.
	174-178 Jun 1877.		373-376 Dec 1878.
	199-207 Jul 1877.		
	232-237 Aug 1877.		

Ref.: N. L., Bot. Zeit. 39: 69. 1881.

2952. *Catalogue of the collections in the museum of the Pharmaceutical Society* of Great Britain . . . London (printed for the Pharmaceutical Society of Great Britain, . . .) 1878. Oct. (*Cat. mus. Pharm. Soc.*).
Publ.: Jan-Feb 1878 (J. Bot. Mar 1878), p. [i]-vii, [1]-302. *Copy*: Kon. Inst. Tropen, Amsterdam.
Ref.: BM 4: 1563; Trimen, J. Bot. 16: 90-91. 1878.

2953. The young collector. *British fungi, lichens & mosses*, including scale-mosses and liverworths. By E. M. Holmes, . . . and Peter Gray, . . . London (Swan Sonnenschein, Lowrey & Co. . . .) 1886. Oct. (*Brit. fungi lich. mosses*).
Co-author: Peter Gray (1818-1899).

Ed. 1: Jun 1886, p. [1]-32 (fungi by Holmes), [1]-31 (lichens by Gray), [1]-32 (mosses by Gray). *Copy*: Steere.
Ed. 2: Jul 1886 (n.v.)
Ed. 3: 1907, p. [1]-32, [1]-31, [1]-31, [32, cont.], as in ed. 1. *Copy*: Steere. – The dates of publication of ed. 1 and 2 are given on p. [2].

2954. *Catalogue of the Hanbury herbarium*, in the Museum of the Pharmaceutical Society of Great Britain . . . London (the Pharmaceutical Society of Great Britain . . .) 1892. Qu. (*Cat. Hanbury herb.*).
Publ.: 1892, p. [i-vi], [1]-136, [i]-xiv. *Copies*: MO, NY.
Ref.: BM 4: 1563; Britten, J., J. Bot. 30: 191. 1892.

Holmskjold, Theodor, until 1781 Holm, (1732-1794), Danish botanist physician, and administrator. (*Holmsk.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 25, 226, 313; Backer p. 270; Barnhart 2: 196;

BM 2: 866; Dawson p. 818; Dryander 2: 190, 3: 224, 353, 471; Hortus 3: 1195 ("Holmsk."); Kew 3: 15, 18; Lasègue p. 545; LS (alph.), 34726; NI 906; PR 4185-4187 (ed. 1: 4627-4629); Stevenson p. 1245; Tucker 1: 347.
Christensen, C., Danske Bot. Hist. 1: 153-155, 2: 60-61. 1924.
Durand, J. Mycol. 13: 141-142. 1907 (relation with Persoon's *Commentatio*).
Lack & Baer, Willdenowia 8: 235-259. 1978.
Lind, J., Danish fungi herb. E. Rostrup 11-12. 1913 (portr.).
Lütjeharms, W. J., Gesch. Mykol. 198, 203, 213ff., 240, 242. 1936.
Rothmaler, W., Rep. Sp. nov. 53(1): 34. 1944.
Warming, E., Bot. Tidsskr. 12: 64-65. 1880 (bibl.).

NOTE: Holmskjold was director of the Royal Danish china factories. In this capacity he promoted the production of the *Flora danica* china set made for Catharine II of Russia between 1790 and 1802 (See Lack and Baer 1978).

EPONYMY: *Holmskioldia* [sic] A. J. Retzius (1791).

2955. *Beata ruris otia fungis danicis* impensa a Theodore Holmskjold, . . . Havniae [Kjøbenhavn] (sumptibus universitatis bibliopolae Friderico Brummer) [1790-1799], 2 vols. Fol. (*Beata ruris*).

Vol. 1: 1790, p. [i]-xxiv. [1-4, kort Forkl.], [1]-118, [1]-38, *pl.* [*1-32*]. For non Danish editions see below under *Coryphaei Clavarias Ramariasque* . . ., no. 2956.
Vol. 2: 1799 (pref. 9 Aug 1799), "post obitum auctoris editum, curante Erico Viborg . . .", p. [i-iii], [1]-70, [1-6, i-e. 2 Fortale, 4 expl. pl.], *pl. 1-42*.

Copies: G, MO, Stevenson. – *Plates*: hand-col. copper engr. by Joh. Christoffer Bayer and Joh. Adolf Neander.

Other issue: both volumes: Havniae (Sumtibus agentis regii ac universitatis bibliopolae Sören Gyldendal) 1799.
Vol. 1: [i*], [i]-xxiv, [1]-118, [1]-38, *pl.* [*1-33*; sic, one added].
Vol. 2: [i-viii], p. iv: 9 Aug 1799, [1]-70, *pl. 1-42*.
Copies: MICH, NY, USDA.
Ref.: Christensen, C., Dansk. Bot. Hist. 2: 60-61. 1924.
Junk, Rara 167.
Killermann, S., Z. Pilzk. ser. 2. 8: 82-87. 1929.

2956. *Coryphaei Clavarias Ramariasque* complectentes cum brevi structurae interioris expositione auctore Theodoro Holmskiold. Denuo cum adnotationibus editi nec non commentatione de fungis clavaeformibus aucti a C. H. Persoon. Accedunt tabulae lv aenea. Lipsiae [Leipzig] (Apud Petrum Philippum Wolf) 1797. Oct. (*Coryph. Clav. Ramar.*).
Co-author: Christiaan Hendrik Persoon (1762-1836).
Publ.: 1797 (p. iv: 12 Aug 1796), p. [i], [iii]-iv, 1-239, [240, err.], *pl. 1-4*, uncol. copper engr.
Copies: G. – Text by Persoon on p. 131-240. See also Usteri, Neue Ann. Bot. 11: 30-149. 1796.

Holtermann, Carl (1866-1923), Norwegian-born German botanist; travelled in the old tropics 1895/96; later professor of botany at Berlin University. (*Holterm.*).

HERBARIUM and TYPES: B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 197; BJI 2: 79; BM 2: 867; CSP 15: 923; Kew 3: 18: Kleppa p. 324 [index]; Langman p. 374; LS 12573-12574a; Rehder 5: 401; SK p. 239; Urban-Berl. p. 276.
Holmboe, J., Norsk biogr. leks. 6: 314-315. 1934.
Holtermann, C., In der Tropenwelt (Schilderung der Pflanzenwelt). Leipzig 1912, vii, 210 p. (Nat. Nov. Apr(1) 1912; review by Engler, Bot. Jahrb. 48(Lit.): 61. 1913).

EPONYMY: *Holtermannia* P. A. Saccardo & J. B. Traverso (1910).

2957. *Mykologische Untersuchungen aus den Tropen* . . . Berlin (Verlag von Gebrüder Borntraeger) 1898. Qu. (*Mykol. Unters. Tropen*).
Publ.: Jan 1898 (Nat. Nov. Jul(1, 2) 1898; Bot. Zeit. 1 Aug 1898), p. [i]-viii, [1]-122, *pl. 1-12*, plain liths. of drawings by the author. *Copies*: G, MICH, NY, Stevenson, U, USDA. – "The chief value of this painstaking and excellent work is the criticism it furnishes of the Brefeldian system." (Murray 1898).
Ref.: Goebel, K. von, Flora 85: 316-317. 9 Aug 1898.
Murray, J. Bot. 36: 454-455. Nov 1898.
Solms, Bot. Zeit. 56(2): 268-270. 1 Sep 1898 (rev.).

Holttum, Richard Eric (1895-x), British botanist; on the Malay Peninsula 1921-1954; part of this period director of the Singapore botanical Garden; specialist on ferns and on the flora of the Malay Peninsula. (*Holttum*).

HERBARIUM and TYPES: SING (original coll. from malesian area).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 197; Bossert p. 180; Hortus 3: 1195 ("Holtt."); IF suppl. 3: 211, 4: 323-324; IH 2: 283; Kew 3: 18-22; Langman p. 374; MW suppl. p. 110; Rqon p. 53; SK 1: 239-240, 604; 5: cclxxxvi; 8: xliv; Zander ed. 10, p. 671.
Allen, Gard. Bull. Singapore 30: 1-3. 1977.
Anon., Brit. Fern Gaz. 11(2/3): 59. 1975 (portr.); Fl. males. Bull. 27: 2148-2149. 1974; [Theobald], Taxon 24(5/6): 614. 1975; J. Roy. Hort. Soc. 98(2). 1973 (portr.).
Burkill, I. H. et al., Biol. J. Linn. Soc. 8(1): 2-23. 1976; Gard. Bull. Singapore 30: 5. 1977.
Cheang & Alphonso, Gard. Bull. Singapore 30: 9-12. 1977.
Craig, Bull. Brit. pteridol. Soc. 1: 107-110. 1975.
Green, J. W., Ann. Rep. West. Austral. Herb. 1976: 5 (portr.).
Holttum, R. E., Plant life in Malaya London, 1954; Fl. males. Bull. 28: 2477-2500. 1975 (portr., bibl., autobiogr.).
Lowden, Taxon, Index vols. 1-20, 2: 93-94. 1973.
McClintock, D. et al. (H. M. Burkill, A. Johnson, G. Seidenfaden, C. G. G. J. van Steenis, J. Manton, F. A. Jarrett, J. A. Crabbe, A. C. Jermy, M. G. Price), Biol. J. Linn. Soc. 8: 1-23. 1976 (portr.).
Schollick, Brit. Pteridol. Soc. Bull. 1(3): 106-107. 1975.
Theobald, Bull. Pac. trop. bot. Gard. 5(4): 60-61. 1975 (portr.; on Holttum as recipient of Robert Allerton Award).
Wagner, Amer. Fern J. 59(1): 1-3. 1969.
Woodhams, Brit. Pteridol. Soc. Bull. 1(3): 111-113. 1975 (H's ferns at K).

HANDWRITING: Fl. males. ser. 1. 1: cl. 1950.

FESTSCHRIFTEN: Fern Gazette 11 (2/3), 1975; Biol. J. Linn. Soc. 8, 1976; Gardens' Bulletin, Singapore 30, 1977.

EPONYMY: × *Holttumara* Hort. (1958); *Holttumia* Lloyd (1924); *Holttumia* E. B. Copeland (1941); *Holttumiella* E. B. Copeland (1941); *Rehia* Fijten (1975).

Holtz, Johann Friedrich Ludwig (1824-1907), German cryptogamist; landowner and estate steward at Barth, Stralsund; from 1875 onward botanist at Greifswald. (*Holtz*).

HERBARIUM and TYPES: Some material at B and GFW.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 197; BL 2: 523, 669; CSP 7: 1008, 10: 262-263, 12: 344, 15: 924; De Toni 4: xxx; GR p. 90 (orig. info.); IH 2: 283; Kew 3: 22; KR p. 306; LS 12577; Rehder 1: 364; Urban-Berl. p. 271, 287, 302, 358.
Ascherson, P. F. A., Verh. bot. Ver. Prov. Brandenburg 50: lxxvii-lxxx. 1909 (bibl. by H. Harms).
Holtz, J. F. L., Bot. Not. 1872: 185, 1874: 28; In und um Spanien. Wien 1881 (on his trip to Spain of 1880).
Schalow, J. f. Ornithol. 56: 300-301. 1908 (fide Ascherson 1909).
Wood, R. D., Monogr. Charac. 1: 815-816. 1965 (bibl.).

COMPOSITE WORKS: *Characeen* in *Kryptogamenflora der Mark Brandenburg*. 4(1): [i]-vi, [1]-136. 28 Jan 1903. (Nat. Nov. Feb(2) 1903).

EPONYMY: *Holtzea* A. K. Schindler (1926) is dedicated to an australian collector Holtze. This is, very probably, either Maurice William Holtze (1840-1923), German-born botanist, working in Australia, or his son Nicholas Holtze (1868-1913), Russian-born botanist, working also in Australia.

Holway, Edward Willet Dorland (1853-1923), American banker, collector (coins, insects, plants, books), mountaineer, and mycologist at Decorah, Iowa until 1904; then at St. Paul, Minnesota; collected extensively in South America 1919-1920, 1921-1922. (*Holw.*).

HERBARIUM and TYPES: MIN; other material, in part distributed by Mary Holway as *Reliquiae holwayanae*, fasc. 1-14, nos. 1-700, 1927-1932, in B (extant), BM, BPI, FH, GH, ISC, K, NY, PAV, PENN, PUR, US. See under J. C. Arthur for the *Uredineae exsiccatae*. Holway's correspondence and library are also at MIN. – For studies by E. W. D. Holway and by H. S. Jackson based on the *Reliquiae* see Stevenson (1971).
Ref.: Anon., Torreya 4: 32. 1904 (herb. given to MIN).
Harris, Science 59: 139-140. 1924.
Stevenson, J., Beih. Nova Hedwigia 36: 193-198. 1971.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 197; BL 1: 192, 301; BM 2: 867, 6: 480; Bossert p. 181; CSP 13: 172, 14: 607, 824, 15: 925; GR p. 223; Hawksworth p. 183; IH 2: 283; Kew 3: 23; LS 12589-12605, 34729-34730, suppl. 12166-12168; NAF 7: 1069; NW p. 48; Pennell p. 610; Rehder 5: 402; Urban-Berl. p. 276.
Arthur, J. C., Mycologia 15(5): 242-243. 1923.
Butters, Bot. Gaz. 77(1): 115-116. 1924 (portr.).
Dearnes, Mycologia 38: 231-239. 1946 (portr., bibl.).
Ewan, J., Rocky Mountain naturalists 232. 1950.
Harshberger, J. W., Bot. Philadelphia 266. 1899.
Hesler, L. R., Biogr. sketches North Amer. mycol. 1975, mss.
McVaugh, R., Contr. Univ. Mich. Herb. 9: 248. 1972 (itin. Mexico).
Palmer, H., Edward W. D. Holway, a pioneer of the Canadian alps. Minneapolis 1931.
Pammell, L. H., Prominent men I have met. no. 4, Ames, Iowa 1928, 16 p.
Rogers, D. P., Brief hist. mycol. N. Amer. 18-19. 1977.

EPONYMY: *Holwaya* P. A. Saccardo (1889); *Holwayella* H. S. Jackson (1926).

2958. *North American Uredineae* . . . Minneapolis, Minnesota 1905-1924. (*N. Amer. Ured.*).

vol.	part	pages	*plates* in text	dates
1	1	[1]-32	*1-10*	15 Apr 1905
	2	[i], 33-56	*11-23*	15 Mai 1906 (rd. at NY 10 Mai 1906!)
	3	[i]-57-80	*24-36*	10 Mai 1907
	4	[i], 81-95	*37-44*	11 Jun 1913
	5	[i], 97-131, [i-vii]	*45-54*	2 Aug 1924 (cover)

Part 5 was published posthumously by Joseph Charles Arthur (1850-1942); it was accompanied by preface material [i-vii] for the entire volume. – *Copies*: MICH, MO, NY, USDA.

Holzinger, Josef Bonaventura (1835-1912), Austrian lawyer and lichenologist; student of witchcraft and sorcery. (*J. B. Holz.*).

HERBARIUM and TYPES: Material at GJO and GZU. The "*Lichenes austriaci*" (some material distributed as Dr. Holzinger. *Lichenes austriaci*)) are not a regular series of exsiccatae. Neither GJO nor GZU hold H's basic herbarium but both institutions received sets of material, often labelled "Herbarium Dris J. B. Holzinger" (information J. Poelt).
Ref.: Anon., Flora 46: 176. 1863.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 198; CSP 3: 410; De Toni 1: lxv; GR p. 452; LS 12606-12607, 34732; Zander ed. 10, p. 671.
Byloff, Dr. Joseph B. Holzinger, Graz 1912, 2 p. (prospectus sale library with biogr.).
Löschnigg, Mitt. naturwiss. Ver. Steiermark 49: 59-66. 1913 (portr.).
Pluskal, F. S., Verh. zool.-bot. Ver. Wien 6: 367-368. 1856.
Wittrock, V. B., Acta Horti Berg. 3(3): 67. 1905.

Holzinger, John Michael (1853-1929), American bryologist, professor of elementary science and botany at State Teachers College, Winona, Minnesota. (*Holz.*).

HERBARIUM and TYPES: MIN (20.000). Material from his herbarium reported from BR, collections in B, BR, E, GH, IA, MIN, NY, PC, US. Exsiccatae: (1) *Musci acrocarpi boreali-americani* (Fasc. 1-27, nos. 1-675, Winona, Minn. 1904-1929), sets at B, C, GRI, FH, IA, K, L, MICH, NY, WELC.
(2) *Herb. J. M. Holzinger*: *Mosses of Idaho*, set at FH.
(3) *Mosses of Minnesota*. Sets at FH and NY.
(4) *Mosses of Colorado* . . . collected by Carl. F. Baker 1896, nos. 1-50, sets at FH, PC.
(5) *Mosses of North-West Montana* . . . collected by J. M. Holzinger and James B. Blake 1898. Sets at FN, NY.
Ref.: Grout, A. J., [notes on fascicles of *Musci acrocarpi boreali-americani* in] Bryologist vols. 7-30, 1904-1927.
LeRoy, Andrews, Bryologist 32(6): 109. 1930.
Sayre, G., Mem. New York Bot. Gard. 19(2): 213-215. 1971; Bryologist 80: 510. 1978.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 198; BL 1: 174, 301; BM 2: 867; Bossert p. 181; CSP 15: 925; Hortus 3: 1195 ("Holzing."); IH 2: 284; Kew 3: 23; Langman p. 374; Lenley p. 228; LS 12608; NAF 28B(2): 336, ser. 2. 3: 36; NW p. 48; Pennell p. 610; Rehder 5: 402; SBC p. 122 ("Holz."); Tucker 1: 348; Urban-Berl. p. 302; Zander ed. 10, p. 671.
Anon., Bryologist 32(3): 68. 1929; Rev. bryol. 24: 44. 1897; 25: 36, 99. 1898; 27: 14, 16, 97. 1900; 28: 24, 44, 60, 81, 107. 1901; 29: 15, 36, 106, 129. 1902; 36: 103, 125, 126. 1907; 37: 116, 135. 1910; 48: 64. 1921 (bibl.); The Winona Republican-Herald, Winona, Minn. 1 Jun 1929 (portr.).
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Byloff, Dr. Josef B. Holzinger, Graz 1912, 2 p. (pamphlet distr. by Oswald Weigel).
Conard, Bryologist 48: 163. 1945.
Crum, H. A., Bryologist, index 1-60: 96-97. 1959 (bibl.).
Ewan, J., Rocky Mountain naturalists 232-233. 1950.
Holzinger, J. M., Bryologist 8: 34-35. 1905 ("my valedictory").
Husnot, T. H., Rev. bryol. 27: 63. 1900; 31: 16, 20, 51, 52, 66, 102. 1904; 33: 87. 1906; 47: 76, 79. 1920.
Rickett, H. W., Index Bull. Torrey bot. Club 49. 1955.
Schuster, R. M., Hep. Anthoc. N. Amer. 1: 57. 1966.
Wood, R. D., Monogr. Charac. 1: 816. 1965.

2959. *Report on a collection of plants made by J. H. Sandberg* and assistants in Northern Idaho in the year 1892 . . . Washington (Government Printing Office) 1895. Oct. (*Rep. pl. Sandberg*).
Collectors: John Herman Sandberg (1848-1917), Daniel Trembley MacDougal (1865-1958), and Amos Arthur Heller (1867-1944).
Publ.: 23 Nov 1895 (t.p., Nat. Nov. Jan(1) 1896), p. [i]-v, 205-287, [i]-v. *Copies*: NY, U. – Contr. U.S. natl. Herb. 3(4).
Ref.: Heller, Bull. Torrey bot. Club 23: 155-157. 1896 (critical rev.).

Homann, Georg Gotthilf Jacob (*fl.* 1828-1835), German clergyman and botanist at Budow near Stolp in Pommerania. (*Homann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGAPHY: BM 2: 867; Jackson p. 308; PR 4191 (ed. 1: 4632); Rehder 5: 402.

2960. *Flora von Pommern*, oder Beschreibung der in Vor- und Hinterpommern sowohl einheimischen als auch unter freier Himmel leicht fortkommenden Gewächse; nebst Bezeichnung ihres Gebrauches für die Arzenei, Forst- und Landwirthschaft, Gärtnerei, Färberei u.s.w., ihres etwanigen Nutzens oder Schadens. Herausgegeben von G. G. J. Homann . . . Cöslin (Druck und Verlag von C. G. Hendess) 1828. Oct. (*Fl. Pommern*).

Vol. 1: Apr-Dec 1828 (p. xvi: Mar 1828; Flora rd. Mar-Jul 1829), p. [i]-xvi, [1]-318, [1-20, ind.].
Vol. 2: Mar-Dec 1830 (p. xviii: Apr 1830), p. [i]-xxxii, [1]-287, [288, err.].
Vol. 3: 1835 (p. vi: Dec 1834), p. [i]-xxxiv, [1]-453, [454].

Copies: B (with extra p. i*-iii* in vol. 1), G, NY.
Ref.: Anon., Flora 12: 554-559. 21 Sep 1829.

Hombron, Jacques Bernard (1800-1852), French explorer on the voyage of the Astrolabe and Zelée (1837-1840); surgeon-botanist; later stationed at Senegal. (*Hombr.*).

HERBARIUM and TYPES: P and PC; important sets of duplicates at B, BP, and G.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 271; Barnhart 2: 198; BM 2: 867; CSP 3: 413; HR; IF p. 703; IH 2: 284; Kew 3: 23; NI 556; PR 4193; Rehder 5: 402; SK 1: 240, 604; 5: cclxxxvi; Zander ed. 10, p. 671.
Cockayne, L., Veget. New Zealand 3. 1921.
Hooker, J. D., Fl. Tasm. 119. 1860.
Miskin, Roy. Soc. Queensl., Proc. 1890/91: xxv. 1891.
Reiche, K., Grundz. Pflanzenverbr. Chile 13. 1907 (Veg. Erde 8).
Sirks, M. J., Ind. natuurond. 138. 1915.
Turrill, W. B., Bull. misc. Inf. Kew 16. 1920.
Urban, I., Fl. bras. 1(1): 32. 1906.

COMPOSITE WORKS: See Dumont-d'Urville, no. 1557, (Voy. Pôle Sud).

EPONYMY: *Hombronia* Gaudichaud-Beaupré (1841).

Honckeny, Gerhard August (1724-1805), German administrator and botanist. (*Honck.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 695; Barnhart 2: 199; BM 2: 868; Dryander 3: 152; Frank 3(Anh.): 45; Hortus 3: 1195 ("Honck."); Jackson p. 292; Kew 3: 23; PR 4194-4195 (ed. 1: 4634-4635); Rehder 5: 402; Zander ed. 10, p. 671.
Ascherson, P. F. A., Fl. Prov. Brandenb. 1: 6. 1864.

EPONYMY: *Honkenya* [sic] F. Ehrhart (1788); *Honkenya* [sic] Willdenow ex Cothenius (1790).
Note: Several *orth. vars.* of both these names are known.

2961. *Vollständiges systematisches Verzeichniss aller Gewächse Teutschlandes* zur Beförderung ihrer physikalischen und ökonomischen Geschichte von einem Mitgliede der Gesellschaft naturforschender Freunde, und von Letzterer zum Drucke befördert. Erster Band. Leipzig (bey Siegfried Lebrecht Crusius) 1782. Oct. †. (*Verz. Gew. Teutschl.*).
Publ.: Oct-Dec 1782 (p. viii: 1 Oct 1782), p. [i]-lvi, [1]-716, [1-2, err.]. *Copies*: G, M, MO. – Anonymous; the attribution to Honckeny goes back to Pritzel.

2962. Gerhardi Augusti Honckeny . . . *Synopsis plantarum Germaniae*, continens plantas in Germania sua sponte provenientes adiectis omnibus auctorum synonimis curante Carolo Ludovico Willdenovo . . . Berolini (Sumtibus auctoris) 1792-1793, 2 vols. Oct. (*Syn. pl. Germ.*).
Editor: Carl Ludwig Willdenow (1765-1812).

Vol. 1: 1792 (p. viii: 16 Aug 1791), p. [i]-lxxii, [1]-632.

Vol. 2: 1793, p. [i]-vi, [1]-370.

Copies: G, NY, USDA; IDC 908.

Honda, Masaji (1897-x), Japanese botanist. (*Honda*).

HERBARIUM and TYPES: TI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 199; Hortus 3: 1195 ("Honda"); Hirsch p. 127; IF suppl. 4: 324; IH 2: 284; Kew 3: 24; Lasègue p. 387, 472; LS 12610; MW p. 185-186, suppl. p. 110-112; Zander ed. 10, p. 671.
Honda, M., Nuntia ad floram Japoniae, 1926-1946, see MW 185, suppl. 110.

EPONYMY: *Hondaella* Dixon & Sakurai (1938).

2963. *Monographia Poacearum japonicarum*, Bambusoideis exclusis auctore Masaji Honda [Tokyo (published by the University) 1930]. (*Monogr. Poac. japon.*).
Publ.: 4 Dec 1930, as J. Fac. Sci. Tokyo, sect. 3, Bot., 3(1): [1]-484. 1930 (date on cover).
Copies: U, US.

Hooker, Joseph Dalton (1817-1911), British botanist and explorer; pioneer plant geographer; son of William Jackson Hooker; graduated from Glasgow 1839; to Antarctic 1839-1843 on Ross's expedition; contact with Darwin 1843; botanist to Geological Survey 1846; assistant director Kew 1855; director id. 1865; president Royal Society 1873-1878; retirement from directorship Kew 1885; last publ. (Bot. Mag. pl. 8396) 1911. (*J. D. Hook.*).

HERBARIUM and TYPES: K; the fungi at BM; much material also at MANCH and E. – The drawings made by J. D. Hooker on the antarctic voyage are at BM; the Hooker correspondence, manuscripts and portrait collection are at K. FH has 89 original plates of Sikkim-Himalaya fungi. – *Exsiccatae* (with Thomas Thomson (1817-1878)): *Herbarium Indiae orientalis*, col. 1847-1851; contained material of various collectors such as Walker (Ceylon) and Stocks (Malabar). Widely distributed.
Ref.: Clarke, G. C. S., Type specimens in Manchester herb. 1973.
Sayre, G., Mem. New York Bot. Gard. 19(3): 341-344. 1973.
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BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 386; Ainsworth p. 71, 206, 228; Andrews p. 280; Backer p. 272; Barnhart 2: 200; BB p. 152-153; BFM 2263; BJI 1: 28; BL 1: 28, 45, 49, 56, 78, 91, 95, 102, 154, 301, 302, 2: 214, 220, 669; BM 2: 868-870, 6: 481; Bossert p. 181; Bret. p. 813-814; Clokie p. 184; CSP 3: 419-422, 6: 690, 7: 1012, 10: 267-268, 12: 346, 15: 930-931; Desmond p. 318 (extensive refs.); DNB suppl. 2.2: 294; DSB 6: 488-492; Frank 3(Anh.): 46; GR p. 373, *pl.* [*33*], cat. p. 65; Henry 2: 32, 722; Hortus 3: 1195 ("Hook., J."); IF p. 703-704; IH 2: 284-285; Jackson p. 560; Kew 3: 26-28; KR p. 306; Langman p. 375; Lasègue p. 326, 328, 391, 471; Lenley p. 228-229, 460; LS 12616-12619; Moebius p. 59, 143; MW p. 186-191, suppl. p. 112; NI 908-911; Plesch p. 266-267; PR 4199-4205, 10578 (ed. 1: 4638-4639); Quenstedt p. 209; Rehder 5: 403-404; RS p. 88; SBC p. 122 ("Hook. f."); TL-2/index, 2169, 2436, 2440, 2656, 2798; TR 587; Tucker 1: 348-349; Zander ed. 10, p. 671-672.
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(1), Curtis, *Botanical Magazine.* (TL-2/1290).
(2), Hooker's *Icones plantarum*, vols. 11-20(1), 1867-1890 (TL-2/3006).
(3), Jackson, B. D., *Index kewensis*, 2 vols., 1893-1895 (general direction) (TL-2/3218).
(4), Bentham and Hooker, *Genera plantarum*, see under Bentham (TL-2/429).
(5), Thwaites and Hooker, *Enumeratio plantarum Zeylaniae*, see under Thwaites.
(6), Trimen, *A handbook to the Flora of Ceylon*, continued by J. D. Hooker, part 5 (1900).
(7), *Flora brasiliensis, Rosaceae*, 14(2): 1-74, *pl.1-22.* 17 Apr 1867. See under Martius.
(8), Lecomte, *Fl. gén. Indo-Chine, Balsaminaceae* 1(6): 611-629. Mar 1911.
(9), Oliver, *Flora tropical Africa*:
Begoniaceae 2: 569-580. 1871.
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(10), Candolle, *Prodromus* (TL-2/1999).
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(11), With G. Bentham, *Flora ingritana*, in W. J. Hooker, ed., *Niger flora* 199-577, pl. 17-50. 1849. See under W. J. Hooker (TL-2/3012).
(12), *Botany* [of Kerguelen island], *in* An account of the petrological, botanical and zoological collections made . . . during the Transit of Venus Expedition 1874-1875, Philos. Trans. R. Soc. 168 (extra): 9-23, *pl. 1-23.* 1879 (rev. by Engler, Bot. Jahrb. 1: 85. 1881).

HANDWRITING: Monogr. biol. Canar. 4: 35. *fig. 31.* 1973; Candollea 30: 397-398. 1975; Rec. Auckland Inst. Mus. 12: 98. 1975.

EPONYMY: *Josephia* R. Wight (1851); *Hookerella* Van Tieghem (1895); *Hookerina* O. Kuntze (1891); *Sirhookera* O. Kuntze (1891).

2964. *The botany of the antarctic voyage* of H.M. discovery ships Erebus and Terror in the years 1839-1843, under the command of Captain Sir James Clark Ross, Kt., R.N., F.R.S. &c. by

Joseph Dalton Hooker, M.D., R.N., F.L.S., assistant surgeon of the "Erebus" and botanist to the expedition. [vignette] Published under the Authority of the Lords Commissioners of the Admiralty. London (Reeve, Brothers, . . .) 1844-1860, 3 vols. in 6. Qu. (*Bot. antarct. voy.*).

I. *Flora antarctica* (on h.t.'s only). (*Fl. antarct.*).
part 1: map, [i*, t.p. 1844], [i]-xii, dedic., summary voy., [1]-208, *pl. 1-80.*
part 2: [i, iii, v], [209]-574, [1, h.t.], *pl. 81-198.*
Copies: MO, NY, Teyler, U. – *Plates*: col. liths. by Fitch; the following are combined: *9/10, 22/23, 24/25, 26/27, 31/32, 39/40, 44/45, 90/91, 136/137, 165/166, 167/168, 169/170, 172/173*; plate *76* is numbered *74*; extra plates: *107 bis*, *107 ter.*

part	number	pages	*plates*	dates
1	1	[i*], [1]-16	*1-8*, chart	1 Jun 1844
	2	17-32	*9-16*	ante 4 Jul 1844
	3	33-48	*17-24*	ante 16 Aug 1844
	4	49-64	*25-32*	ante 14 Oct 1844
	5	65-80	*33-40*	ante 14 Oct 1844
	6	81-92	*41-48*	ante 2 Dec 1844
	7	93-112	*49-56*	ante 4 Jan 1845
	8	113-144?	*57-64*	1 May 1845
	9	145?-184	*65-72*	1 May 1845
	10	185-208, [i]-xii	*73-80*	1 May 1845
2	11	209-224	*81-88*	21 Oct-1 Nov 1845
	12	225-240	*89-96*	21 Oct-1 Nov 1845
	13	241-256	*97-104*	ante 4 Dec 1845
	14	257-272	*105-112* (?*107bis & ter*)	ante 2 Feb 1846
	15	273-288	*113-120*	ante 2 Mar 1846
	16	289-304	*121-128*	ante 4 Apr 1846
	17	301 bis-316	*129-136*	ante 5 May 1846
	18	317-332	*137-144*	ante 1 Jun 1846
	19	333-348	*145-152*	ante 1 Aug 1846
	20	349-364	*153-160*	ante 3 Nov 1846
	21	365-380	*161-168*	ante 5 Dec 1846
	22	381-396	*169-176*	ante 1 Jan 1847
	23	397-428	*177-184*	ante 2 Feb 1847
	24	429-?	*185-192*	ante 3 May 1847
	25	?-574, [i], [iii], map.	*193-198*	ante 2 Oct 1847

Part 17 has p. 301[bis]-304[bis], 305-316. – For diagnoses of algae see also J. D. Hooker and W. H. Harvey, *Algae antarcticae*, *in* Hooker, Lond. J. Bot. 4: 249-276, 293-298. 1845, also reprinted with independent pagination (1-32) (TL-2/2437); for *Hepaticae antarcticae*, by J. D. Hooker and T. Taylor, see Hooker, Lond. J. Bot. 3: 366-400, 454-480. 1844, 4: 79-87 (TL-2/2967), 1845; *Musci antarctici*, ib. 3: 533-556. 1844 (TL-2/2966). *Lichenes antarctici*, ib. 3: 634-658. 1844.

II. *Flora novae-zelandiae* (on main t.p.; the covers have "The botany of the antarctic voyage II. Flora of New Zealand . . . 1852-1855.") (*Fl. nov.-zel.*).
part 1: [i*, iii*, v*], [i]-xxxix, [1]-312, *pl. 1-70.*
part 2: [i], [1]-378, *pl. 71-130.*
Copies: NY (orig. covers; plates plain), U. – *Plates*: (2 issues: col. and plain), combined: *54/55, 59/60, 114/115*. Further notes on dates: see TL/1.

part	number	pages	*plates*	dates
1	1	1-80	*1-20*	10 Jun 1852
	2	81-160	*21-40*	6 Sep 1852
	3	161-242*	*41-60*	13 Jan 1853
	4	243-312	*61-70*	5 Dec 1853

part	number	pages	*plates*	dates
2	5	1-80	*71-90*	27 Apr 1854
	6	81-160	*91-110*	11 Jul 1854
	7	161-272	*111-120*	9 Feb 1855
	8	273-378	*121-130*	9 Feb 1855

Introductory essay, p. [i]-xxxix, republished with reset type, London 1853 (see no. 2970); partial German transl. by Marschall, Oest. Bot. Z. 11: 65-81, 118, 128, 155-167. 1861.
Algae novae-zelandiae (J. D. Hooker and W. H. Harvey) diagnoses *in* Hooker, Lond. J. Bot. 4: 521-551. 1845, 7: 443-445. 1848, see also no. 2438 for a reprint with indep. pag.

III. *Flora Tasmaniae* (on t.p.'s) 1855-1859 [1860 on t.p.'s]. (*Fl. Tasman.*).
Part 1: [i]-viii, cont., err. [v]-vii, essay [i]-cxxviii, key [1]-18, [1]-359, *pl. 1-100* (*84/85* comb.).
Part 2: [i, iii], [1]-422, *pl. 101-200.*
Copies: NY (John Torrey's copy; pl. col.), U (pl. col.).

part	number	pages	*plates*	dates
1	1	1-80	*1-20*	24 Oct 1855
	2	81-160	*21-40*	13 Mai 1856
	3	161-240	*41-60*	17 Oct 1856
	4	241-320	*61-80*	28 Jul 1857
	5	321-359	*81-100*	1 Dec 1857
2	6	1-80	*101-120*	3 Mai 1858
	7	81-160	*121-140*	3 Sep 1858
	8	161-240	*141-160*	15 Feb 1859
	9	241-320	*161-180*	16 Aug 1859
	10	321-422	*181-200*	29 Dec 1859
	11	i-cxxviii, 1-18, etc.		29 Dec 1859

Algae tasmanicae, see No. 2440 and Hooker, London J. Bot. 6: 397-417. 1847. *On the flora of Australia*, London 1859, see below (reprint of p. [i]-cxxviii) (TL-2/2975).

Facsimile ed.: Weinheim (J. Cramer) 1963, 3 vols. text plus atlas volume containing all plates. Titles consistently *The botany the antarctic voyage*, vol. 1 with 1847 t.p., *plates 180-198* misbound (in some copies) between *157* and *158.*
Copies: MICH, MO, FAS.

Original manuscript lists of plants collected, with notes and drawings, at BM.
Ref.: BL 1: 78, 85, 91; GF p. 60; NAF 7: 1070, 11(1): 89; NI 908; Plesch p. 266; PR 4199 (ed. 1: 4638); SK 1: clxxxvii; IDC 457.
Zuccarini, J. G., Gelehrte Anzeigen bayer. Akad. Wiss. [20 Nov-9 Dec 1847]: 232: 825-830, 233: 833-840, 234: 844-848, 241: 897-902, 242: 905-912, 243: 913-920, 244: 921-928, 245: 934-936. 1847.
Hooker, W. J., Colonial floras. Kew 1863.
Jackson, B. D., Bull. Herb. Boissier 1: 299. 1893; J. Bot. 47: 106-107. 1909, 50: 284-285. 1912.
Anon. [Thiselton-Dyer], Bull. misc. Inf. Kew 1905: 11-14.
Wiltshear, J. Bot. 51: 356-358. 1913.
Cockayne, L., Veget. New Zealand 3-4: 1921.
Turrill, W. B., Pioneer plant geography 134-196. 1953.
Stafleu, F. A., Taxon 14: 26-27. 1965.
Godley, Tuatara 13(3): 175-178. 1965 (lists collectors Fl. antarct.).

2965. *The cryptogamic botany of the antarctic voyage of* H.M. discovery ships Erebus and Terror in the years 1839-1843. Under the command of Captain Sir James Clark Ross, Kt., R.N., F.R.S. &c. by Joseph Dalton Hooker . . . Published under the authority of the Lords'

Commissioners of the Admiralty. London (Reeve, Brothers), Paris (Fortin, Masson, et Cie.) 1845. Qu. (*Crypt. bot. anarct. voy.*).
Publ.: 1845 [-1847] (further details lacking), p. [i]-iv, [5]-258, *pl. 57-80, 151-198. Copies*: BIRM (info. S. W. Greene), MO, Steere. – This special edition of the cryptogamic parts of the *Flora antarctica* corresponds with p. 117-200 and 395-542 of the latter. Pages 243-258 of the *Cryptogamic botany* contain a special index to this reprint, p. [i]-iv are a special t.p. and introduction. The book is apparently rare. Pritzel saw a copy at Paris in Montagne's library. The history of publication is uncertain: p. 117-200 of the *Flora antarctica* came out on 1 Mai 1845, p. 395-542 came out only in 1847. BM 6: 481 cites this reprint from 1847 and with a bracketed title "[*Cryptogamia antarctica* . . .]". It must be assumed that the reprint with the special English t.p. dated 1845 was completed only in 1847.

Cryptogamic botany	*Flora antarctica*	*dates Fl. ant.*
[i]-iv		
[5]-88	1: 117-200	1 Mai 1845
89-236	2: 395-542	1847
237-240, add. corr. [1]		
240-241, id. [2]		
243-258, index		
	2: 543-551, other add.	a. 2 Oct 1847

Plates: *57-64* col., *65-77* plain, *78-80* col., *152-164* col., *165/166*, *167/168*, *169/170* doubles, col, *171* single, col., *172/173* double, col., *174-181*, singles, col., *182-198*, singles, plain.

2966. *Musci antarctici*; being characters with brief descriptions of the new species of mosses discovered during the voyage of H.M. discovery ships, Erebus and Terror, in the southern circumpolar regions, together with those of Tasmania and New Zealand. [London 1844]. Oct.
Co-author: William Wilson (1799-1871).
Publ.: Sep-Oct 1844, p. 1-23. *Copy*: NY. – Reprinted from W. J. Hooker, London J. Bot. 3: 533-556. 1844. To be cited from journal.

2967. *Hepaticae antarcticae, supplementum*: or specific characters, with brief descriptions, of some additional species of the hepaticae of the antarctic regions, New Zealand and Tasmania, together with a few from the Atlantic Islands and New Holland. [London 1845]. Oct.
Co-author: Thomas Taylor (x-1848).
Publ.: Feb 1845, p. [1]-19. *Copy*: G. – Reprinted from W. J. Hooker, London J. Bot. 4: 79-97. 1845. To be cited from journal.

2968. *Observations made when following the Grand Trunk Road* across the hills of Upper Bengal, Parus Nath. & C. in the Soane valley; and on the Kymaon branch of the Vindya hills. Calcutta (J. Thomas) 1848. Oct. (in fours).
Publ.: 1848, p. [i], [1]-57. *Copy*: MO. – Reprinted with independent pagination from J. Asiat. Soc. Bengal 17(2): 355-411. 1848 (see also Berghaus, Z. Erdk. 9: 230-242. 1849). To be cited from journal.

2969. *The Rhododendrons of Sikkim-Himalaya*: being an account, botanical and geographical, of the Rhododendrons recently discovered in the mountains of eastern Himalaya, from drawings and descriptions made on the spot, during a government botanical mission to that country: by Joseph Dalton Hooker, . . . edited by Sir W. J. Hooker, . . . London (Reeve, Benham, and Reeve, . . .) 1849[-1851]. Fol. (*Rhododendr. Sikkim-Himalaya*).

Part [1]: 1849, after 15 Mar (date dedic.), p. [1]-14, *pl. 1-10* with text.
Part 2: 13-29 Mar 1851 (TL/1), p. [i, iii], [1]-7, *pl. 11-20*, id. Imprint "Reeve and Benham . . ."
Part 3: 9 Nov-10 Dec 1851 (TL/1), p. [i], *pl. 21-30*, id. Imprint "Reeve and Benham . . ."

Copies: MICH, U; IDC 7152. – *Plates*: hand-col. liths. by W. H. Fitch of drawings by J. D. Hooker.

Second ed.: London (Reeve, Benham, and Reeve . . .), of part 1 only, no differences with ed. 1 except for the indication "second edition." on the t.p. *Copies*: MO, NY, USDA (all with original parts 2 and 3); IDC 5956.
Ref.: GF p. 60; Sotheby 354 (coll.); Desmond, Med. biol. Ill. 19: 254-259. 1969.

2970. *Introductory essay to the Flora of New Zealand* . . . London (Lovell Reeve, . . .) 1853. Qu. (*Intr. ess. Fl. N. Zeal.*).
Publ.: Oct 1853 (footnote p. [i]), cover (with above title), p. [i]-xxxix. *Copies*: G, M, MO, NY. – Reprinted from *Flora novae-zelandiae*, see no. 2964.

2971. *Himalayan journals*; or, notes of a naturalist in Bengal, the Sikkim and Nepal Himalayas, the Khasia mountains, &c. . . . London (John Murray, . . .) 1854. Oct. (*Himal. journ.*).

Ed. [*1*]: 2 vols. Mar 1854 (p. [v]: 12 Jan 1854; dedic. copy to Humboldt at HU signed Mar 1854; Bot. Zeit. 28 Apr 1854).
Vol. 1: [i]-xxvii, [xxviii], [xxix seal], err. slip, ill., [1]-408, 2 maps, *pl. 1-5*.
Vol. 2: [i]-xii, [1]-487, *pl. 6-12*.
Copies: BR, HU, L, M, NY, P, US.
Plates: coloured liths. of drawings by the author and W. Taylor. Plates *2* and *7* bound as frontisp.
Ed. 2: London (id.) 1855, duod, "*Himalayan journals*. Notes of a . . ., & . . . A new edition, carefully revised and condensed. In two volumes". *Copies*: MO, USDA.
Vol. 1: [ii]-xvi, [1]-348, *1 pl.*
Vol. 2: [ii]-xii, [1]-345.
Ed. [*3*]: London (Ward, Lock, Bowden and Co.) New York, Melbourne 1891. Oct. "The Minerva library of famous books . . . *Himalayan journals*; or, notes of a . . ." *Copies*: G, MICH, NY. – Frontisp. portr. Hooker, p. [i]-xxxii, ill., [1]-574, *13* (*or 12*) *pl.*, uncol. liths., 2 maps.
Facsimile ed.: of ed. 2, New Delhi-5, India (Today & Tomorrow's printers & publishers) 1969. *Copy*: MICH.

2972. *Flora indica*: being a systematic account of the plants of British India, together with observations on the structure and affinities of their natural orders and genera by J. D. Hooker, . . . and Thomas Thomson, . . . Volume i. Ranunculaceae to Fumariaceae, with an introductory essay. London (Printed for the authors. Published by W. Pamplin, . . .) 1855. (Oct. in fours). †. (*Fl. ind.*).
Co-author: Thomas Thomson (1817-1878).
Publ.: 1-19 Jul 1855 (TL/1), p. [i]-xv, [xvi, motto], [1]-280, 2 maps, [1]-285. *Copies*: MICH, MO, NY, U, USDA; IDC 5958. Only one volume published; replaced by *The flora of British India*, see no. 2981.
Praecursores ad Floram indicam, by Hooker and Thompson, J. Proc. Linn. Soc. London 2: 1-29, 54-103, 163-180. 1858, J. Linn. Soc. Bot. 4: 106-157. 1860, 5: 128-181. 1861.
Ref.: [Seemann], Bonplandia 3: 229. 1 Aug 1855 (corr. London 20 Jul).
Hooker, W. J., J. Bot. Kew Gard. Misc. 7: 255-256. Aug 1855.
Anon., Bull. Soc. bot. France 3: 428-432. Nov. Dec. 1856.

2973. *Illustrations of Himalayan plants* chiefly selected from drawings made for the late J. F. Cathcart Esq. re of the Bengal Civil Service. The descriptions and analyses by J. D. Hooker, M.D., F.R.S. The plates executed by W. H. Fitch. [London 1855]. Fol. (*Ill. Himal. pl.*].
Publ.: Jul 1855 (dedication dated 30 Jun 1855), p. [i*], [v*, engr. t.p.], [vii*], [ix*]-x*, [i]-iv, [1, expl. pl.], *pl. 1-24* with text, [1, index]. *Copies*: MO, NY; IDC 5957.
The book was to be published with the financial support of Cathcart (with whom Hooker had stayed in Bengal) and to be distributed free to "the principal botanists and scientific establishments in Europe." However, Cathcart died, 49 years old, on his way back to London, at Lausanne, 8 July 1851. The book was then financed by the family as well as by others: "Science is not yet self-supporting; it requires the countenance of amateurs no less than the severe studies of proficients to ensure its progress." [Hooker, in pref.]. There were 176 subscribers; the book was also for sale. The plates are coloured liths of drawings by "native artists", lithographed by W. H. Fitch.

Ref.: GF p. 60; SK 1: clxxxvii; Sotheby 355.
Stearn, W. T., Ann. bot. Gard. Calcutta, 150th Ann. vol. 115. 1942.

2974. *On the structure and the affinities of Balanophoraceae* [London 1856].
Publ.: 23 Oct-8 Dec 1856 (in journal), p. [1]-68, *pl. 1-16* (nos. 4, 5, 7, 12 col.; liths. by author). Reprinted from Trans. Linn. Soc. 22: [1]-68, *pl. 1-16*. 1856. To be cited from journal.
Ref.: Anon., Bull. Soc. bot. France 4: 210-218. 1857.

2975. *On the flora of Australia*, its origin, affinities, and distribution; being an introductory essay to the Flora of Tasmania . . . London (Lovell Reeve, . . .) 1859. Qu. (*Fl. Australia*).
Publ.: 29 Dec 1859 (date publ. in Fl. Tasm.), p. [i]-vii, [i]-cxxviii. *Copy*: MO. – "Reprinted from the Botany of the Antarctic Expedition, part iii., Flora of Tasmania, vol. 1." See above. ". . . my friend Mr. Darwin's just completed work "on the origin of species . . .", from the perusal of much of which in ms. I have profited so largely, had not appeared during the printing of this essay" (p. cxxviii).

2976. *An account of the plants collected by Dr. Walker in Greenland* and artic [sic] America during the expedition of Sir Francis M'Clintock, R.N. in the Yacht 'Fox'. [London 1861]. Oct.
Publ.: 1861, p. [1]-11. *Copy*: MO. – Reprinted from J. Proc. Linn. Soc., Bot. 5: 79-88. 1861. To be cited from journal.

2977. *On the cedars of Lebanon*, Taurus, Algeria, and India . . . [London] 1862. Oct. (*Cedars Lebanon*).
Publ.: Jan 1862, p. [1]-8, *pl. 1-3* (Fitch del.). *Copy*: MO. – Reprinted from the Natural History Review vol. 2, Jan 1862.

2978. *Handbook of the New Zealand flora*: a systematic description of the native plants of New Zealand and the Chatham, Kermadec's, Lord Auckland's, Campbell's and Macquarrie's Islands . . . London (Reeve & Co., . . .) 1864-1867. Oct. (*Handb. N. Zeal. fl.*).

Part 1: Sep-Oct 1864 (p. [5*]: 1 Jul 1864; J. Bot. Oct 1864), p. [1*]-15*, [i]-xl, [1]-392.
Part 2: 1867, p. [i*-iii*], xli-lxvii, 393-798.
Copies: MICH, MO, NY, U, US, USDA; IDC 7718.
A Maori-Latin index to the Handbook of the New Zealand Flora. Wellington (G. Didbury) 1866. Oct., 8 p. was published in 1866 (see also Seemann, J. Bot. 5: 215-216. 1867).
Ref.: Seemann, B., J. Bot. 2: 324, 347-350. Nov. 1864.

2979. *Lecture on insular floras*, delivered before the British Association for the advancement of Science at Nottingham, August 27, 1866 . . . [London (Bradbury, Evans & Co.) 1867]. (*Lect. ins. fl.*).
Publ.: Jan 1867 (p. 2), p. [1]-12, reprinted from Gard. Chron. 1867: 6-7, 27, 50-51, 75-76, 152. *Copy*: U. – See also: Considérations sur les flores insulaires, Ann. Sci. nat. Bot. 6: 267-299. 1866; see also J. Bot. 5: 23-31. 1867.
Reprint: Sep 1896 (Nat. Nov. Oct(2) 1896), p. [1]-36. *Copies*: BM, L, M. – London (L. Reeve and Co. . . .). Oct.

2980. *The student's flora of the British Islands* . . . London (Macmillan and Co.) 1870. Oct. (*Student fl. Brit. Isl.*).

Ed. [*1*]: 1870 (p. viii: 1 Mai 1870), p. [i]-xx, [1]-504. *Copies*: MO, NY.
Ed. 2: 1878 (p. viii: 1 Mai 1878), p. [i]-xx, [1]-539. *Copies*: MICH, MO, NY, US.
Ed. 3: Jun-Aug 1884 (p. ix: 1 Jun 1884; Bot. Zeit. 29 Aug 1884), p. [i]-xxiii, [1]-563, *Copies*: NY, US.
Reprint (1): 1897, London (Macmillan).
Reprint (2): 1930, London (Macmillan and Co., Limited). *Copy*: MICH. – (J. Bot. 68: 349. Nov 1930).

2981. *The flora of British India.* By J. D. Hooker, . . . Assisted by various botanists . . . published under the authority of the Secretary of State for India in Council. London (L. Reeve & Co., . . .) [1872-] 1875-1897, 7 vols. Oct. (*Fl. Brit. India*).

1: [i*-iv*], [i]-viii, [i]-xl elem. bot., [1]-740. 1872-1875.
2: [i-v], err. slip., [1]-792, [1, addenda]. 1876-1878. (err. slip distr. Mai 1880).
3: [i-iv], [1]-712. 1880-1882.
4: [i-iv], [1]-780. 1883-1885.
5: [i-iv], [1]-910. 1886-1890.
6: [i-iv], [1]-792. 1890-1894.
7: [i]-vii, [viii, add.], [1]-842. 1896-1897.

Copies: MICH, MO, NY, U, USDA; IDC 119. – Title of vol. 7: *Flora of British India.*
Facsimile ed., vols. 1-3, Peking s.l.n.d., probably around 1956 (*n.v.*).
Index to vols. 1-6: privately circulated by J. P. Fiddian (1894).
Allium: The Alliums of British India, Herbertia 12: 73-84, 174. 1967, extracted from Hooker, Flora of British India 6: 338-345. 1892, revised and supplemented by W. T. Stearn.

Chronological arrangement

vol./part	pagination	date	author(s)	content
1(1)	1-30	Mai 1872	Hooker, J. D. & Thomson	Ranunculaceae
	30-38			Dilleniaceae
	38-45			Magnoliaceae
	45-94			Anonaceae
	94-107			Menispermaceae
	107-113			Berberideae
	113-116			Nymphaeaceae
	116-119			Papaveraceae
	120-128		Hooker, J. D.	Fumariaceae
	128-167		Hooker, J. D. & T. Anderson	Cruciferae
	167-180			Capparidaceae
	180-182		Hooker, J. D. & Thomson	Resedaceae
	182-189			Violaceae
	189-197			Bixineae
	197-200			Pittosporeae
	200-208		Bennett, W. A.	Polygaleae
1(2)	209-211	Jan 1874		Polygaleae
	211-212		Edgeworth, M. P.	Frankeniaceae
	212-246		Edgeworth, M. P. & J. D. Hooker	Caryophylleae
	246-248		Thiselton Dyer, W. T.	Portulaceae
	248-250			Tamariscineae
	250-252			Elatineae
	252-258			Hypericineae
	258-278		Anderson, T.	Guttiferae
	279-294		Thiselton Dyer, W. T.	Ternstroemiaceae
	294-317			Dipterocarpeae
	317-353		Masters, M. T.	Malvaceae
	353-379			Sterculiaceae
	379-409			Tiliaceae
	409-417		Hooker, J. D.	Lineae
	417-422			Malpighiaceae
	422-425		Edgeworth, M. P. & J. D. Hooker	Zygophylleae
	426-464			Geraniaceae
1(3)	465-483	Feb 1875		Geraniaceae
	484-517		Hooker, J. D.	Rutaceae
	517-523		Bennett, A. W.	Simarubeae
	523-527			Ochnaceae

vol./part	pagination	date	author(s)	content
1(3)	527-540			Burseraceae
	540-569		Hiern, W. P.	Meliaceae
	569-572		Hooker, J. D.	Chailletiaceae
	572-598		Masters, M. T.	Olacineae
	598-606		Hooker, J. D.	Ilicineae
	606-629		Lawson, M. A.	Celastrineae
	629-644			Rhamneae
	644-668			Ampelideae
	668-699		Hiern, W. P.	Sapindaceae
	701-740		Anonymous	Index
2(4)	[1]-7	Mai 1876	Hooker, J. D.	Sabiaceae
	7-44			Anacardiaceae
	44-45			Coriarieae
	45			Moringeae
	46-56			Connaraceae
	56-240		Baker, J. G.	Leguminosae
2(5)	241-306	Jul 1878		Leguminosae
	307-388		Hooker, J. D.	Rosaceae
	388-411		Clarke, C. B.	Saxifragaceae
	411-423			Crassulaceae
	423-425			Droseraceae
	425-430			Hamamelideae
	430-434			Halorageae
	434-443		Henslow, G.	Rhizophoreae
	443-461		Clarke, C. B.	Combretaceae
	462-496		Duthie, J. F.	Myrtaceae (excl. Barringtonieae)
2(6)	497-506	Mai 1879		Myrtaceae (excl. Barringtonieae)
	506-512		Clarke, C. B.	Myrtacea-Barringtonieae
	512-565			Melastomaceae
	565-581			Lythraceae
	582-590			Onagraceae
	590-598			Samydaceae
	598-603		Masters, M. T.	Passifloreae
	604-635		Clarke, C. B.	Cucurbitaceae
	635-656			Begoniaceae
	656-657			Datiscaceae
	657-658			Cacteae
	658-665			Ficoideae
	665-720			Umbelliferae
	720-740			Araliaceae
	740-748			Cornaceae
	749-792		Anonymous	Index
3(7)	[1]-17	Mai 1880	Clarke, C. B.	Caprifoliaceae
	17-192		Hooker, J. D.	Rubiaceae
3(8)	193-210	Mar 1881	Hooker, J. D.	Rubiaceae
	210-215		Clarke, C. B.	Valerianeae
	215-219			Dipsaceae
	219-419		Hooker, J. D.	Compositae
	419-420		Clarke, C. B.	Stylidieae
	420-421			Goodenovieae
	421-442			Campanulaceae
	442-448			Vacciniaceae
3(9)	449-455	Dec 1882	Clarke, C. B.	Vacciniaceae
	456-476			Ericaceae
	476-477			Monotropeae

vol./part	pagination	date	author(s)	content
3(9)	477			Epacrideae
	478			Diapensiaceae
	478-481			Plumbagineae
	482-506		Hooker, J. D.	Primulaceae
	507-534		Clarke, C. B.	Myrsineae
	534-549			Sapotaceae
	549-572			Ebenaceae
	572-590			Styraceae
	590-618			Oleaceae
	618-620			Salvadoraceae
	621-671		Hooker, J. D.	Apocynaceae
	671-672			Additions/corrections
	[673]674-712		Anonymous	Index
4(10)	[1]-78	Jun 1883	Hooker, J. D.	Asclepiadeae
	78-93		Clarke, C. B.	Loganiaceae
	93-132			Gentianaceae
	133			Polemoniaceae
	133-134			Hydrophyllaceae
	134-179			Boragineae
	179-228			Convolvulaceae
	228-246			Solanaceae
	246-256		Hooker, J. D.	Scrophularineae
4(11)	257-319	Jan 1884	Hooker, J. D.	Scrophularineae
	319-328			Orobanchaceae
	328-336		Clarke, C. B.	Lentibularieae
	336-375			Gesneraceae
	376-386			Bignoniaceae
	386-387			Pedalineae
	387-512			Acanthaceae
4(12)	513-558	Aug 1885	Clarke, C. B.	Acanthaceae
	558-560		Hooker, J. D.	Selagineae
	560-604		Clarke, C. B.	Verbenaceae
	604-705		Hooker, J. D.	Labiatae
	705-708			Plantagineae
	708-711			Nyctagineae
	711-713			Illecebraceae
	713-732			Amarantaceae
	[733]734			Additions/Corrections
	[735]736-780		Anonymous	Index
5(13)	[i-iii], [1]-910			
	[1]-21	Aug 1886	Hooker, J. D.	Chenopodiaceae
	21-22			Phytolaccaceae
	22-61			Polygonaceae
	61-68			Podostemonaceae
	68-71			Nepenthaceae
	71-72			Cytinaceae
	72-77			Aristolochiaceae
	78-99			Piperaceae
	99-101			Chloranthaceae
	101-114			Myristiceae
	114-116			Monimiaceae
	116-189			Laurineae
	189-192			Proteaceae
	192-201			Thymelaeaceae
	201-203			Elaeagnaceae
	203-228			Loranthaceae
	228-236			Santalaceae
	236-239			Balanophoreae

vol./part	pagination	date	author(s)	content
	239-240			Euphorbiaceae
5(14)	241-462	Dec 1887	Hooker, J. D.	Euphorbiaceae
5(15)	463-477	Dec 1888	Hooker, J. D.	Euphorbiaceae
	477-594			Urticaceae
	594-597			Juglandeae
	598			Casuarineae
	599-626			Cupuliferae
	626-639			Salicineae
	639-640			Ceratophylleae
	640-643			Gnetaceae
	643-655			Coniferae
	655-658		Thiselton Dyer, W. T.	Cycadaceae
	658-664		Hooker, J. D.	Hydrocharideae
	664-667			Burmanniaceae
	667-686			Orchideae
5(16)	687-858	Apr 1890	Hooker, J. D.	Orchideae
	[859]860-864			Additions/Corrections
	[865]866-910		Anonymous	Index
	910		Anonymous	Corrections
6(17)	[1]-198	Dec 1890	Hooker, J. D.	Orchideae
	198-224		Baker, J. G.	Scitamineae
6(18)	225-264	Jul 1892	Baker, J. G.	Scitamineae
	264-271		Hooker, J. D.	Haemodoraceae
	271-277			Iridaceae
	277-286			Amaryllideae
	286-288			Taccaceae
	288-297			Dioscoreaceae
	297-299			Roxburghiaceae
	299-362			Liliaceae
	362-363			Pontederiaceae
	363-364			Philydraceae
	364-366			Xyrideae
	366-390			Commelinaceae
	390-391			Flagellarieae
	392-402			Juncaceae
	402-448		Beccari, O. & J. D. Hooker	Palmae
6(19)	449-483	Sept 1893	Beccari, O. & J. D. Hooker	Palmae
	483-488		Hooker, J. D.	Pandaneae
	488-490			Typhaceae
	490-556			Aroideae
	556-558			Lemnaceae
	558-559			Triurideae
	559-562			Alismaceae
	562-571			Naiadaceae
	571-585			Eriocauleae
	585-672		Clarke, C. B.	Cyperaceae
6(20)	673-748	Apr 1894	Clarke, C. B.	Cyperaceae
	[749]-792		Anonymous	Index
7(21)	[1]-224	late Apr 1896	Hooker, J. D.	Gramineae
7(22)	225-422	early Dec 1896		Gram., and add.
7(23/24)	[423-425]-842	early Dec 1897	Anonymous	Index
	[i]-viii			

NOTE: *List of species and genera* of Indian Phanerogams *not included in* Sir J. D. Hooker's *Flora of British India*, by C. C. Calder, V. Narayanaswami and M. S. Ramaswami, originally published ca. 1925, facsimile ed. 1978, Delhi/Dehradun.

Systematic arrangement

taxon	author(s)	vol.	pagination	date
Acanthaceae	Clarke, C. B.	4	387-512	Jan 1884
Acanthaceae	Clarke, C. B.	4	513-558	Aug 1885
Alismaceae	Hooker, J. D.	6	559-562	Sept 1893
Amarantaceae	Hooker, J. D.	4	713-732	Aug 1885
Amaryllideae	Hooker, J. D.	6	277-286	Jul 1892
Ampelideae	Lawson, M. A.	1	644-668	Feb 1875
Anacardiaceae	Hooker, J. D.	2	7-44	Mai 1876
Anonaceae	Hooker, J. D. & Thomson	1	45-94	Mai 1872
Apocynaceae	Hooker, J. D.	3	621-671	Dec 1882
Araliaceae	Clarke, C. B.	2	720-740	Mai 1879
Aristolochiaceae	Hooker, J. D.	5	72-77	Aug 1886
Aroideae	Hooker, J. D.	6	490-556	Sept 1893
Asclepiadeae	Hooker, J. D.	4	[1]2-78	Jun 1883
Balanophoreae	Hooker, J. D.	5	236-239	Aug 1886
Begoniaceae	Clarke, C. B.	2	635-656	Mai 1879
Berberideae	Hooker, J. D. & Thomson	1	107-113	Mai 1872
Bignoniaceae	Clarke, C. B.	4	376-386	Jan 1884
Bixineae	Hooker, J. D. & Thomson	1	189-197	Mai 1872
Boragineae	Clarke, C. B.	4	134-179	Jun 1883
Burmanniaceae	Hooker, J. D.	5	664-667	Dec 1888
Burseraceae	Bennett, A. W.	1	527-540	Feb 1875
Cacteae	Clarke, C. B.	2	657-658	Mai 1879
Campanulaceae	Clarke, C. B.	3	421-442	Mar 1881
Capparideae	Hooker, J. D. & T. Anderson	1	167-180	Mai 1872
Caprifoliaceae	Clarke, C. B.	3	[1]2-17	Mai 1880
Caryophylleae	Edgeworth, M. P. & J. D. Hooker	1	212-246	Jan 1874
Casuarineae	Hooker, J. D.	5	598	Dec 1888
Celastrineae	Lawson, M. A.	1	606-629	Feb 1875
Ceratophylleae	Hooker, J. D.	5	639-640	Dec 1888
Chailletiaceae	Hooker, J. D.	1	569-572	Feb 1875
Chenopodiaceae	Hooker, J. D.	5	[1]2-21	Aug 1886
Chloranthaceae	Hooker, J. D.	5	99-101	Aug 1886
Combretaceae	Clarke, C. B.	2	443-461	Jul 1878
Commelinaceae	Hooker, J. D.	6	366-390	Jul 1892
Compositae	Hooker, J. D.	3	219-419	Mar 1881
Coniferae	Hooker, J. D.	5	643-655	Dec 1888
Connaraceae	Hooker. J. D.	2	46-56	Mai 1876
Convolvulaceae	Clarke, C. B.	4	179-228	Jun 1883
Coriarieae	Hooker, J. D.	2	44-45	Mai 1876
Cornaceae	Clarke, C. B.	2	740-748	Mai 1879
Crassulaceae	Clarke, C. B.	2	411-423	Jul 1878
Cruciferae	Hooker, J. D. & T. Anderson	1	128-167	Mai 1872
Cucurbitaceae	Clarke, C. B.	2	604-635	Mai 1879
Cupuliferae	Hooker, J. D.	5	599-626	Dec 1888
Cycadaceae	Thiselton Dyer, W. T.	5	655-658	Dec 1888
Cyperaceae	Clarke, C. B.	6	585-672	Sept 1893
Cyperaceae	Clarke, C. B.	6	673-748	Apr 1894
Cytinaceae	Hooker, J. D.	5	71-72	Aug 1886
Datiscaceae	Clarke, C. B.	2	656-657	Mai 1879
Diapensiaceae	Clarke, C. B.	3	478	Dec 1882

taxon	author(s)	vol.	pagination	date
Dilleniaceae	Hooker, J. D.	1	30-38	Mai 1872
Dioscoreaceae	Hooker, J. D.	6	288-297	Jul 1892
Dipsaceae	Clarke, C. B.	3	215-219	Mar 1881
Dipterocarpeae	Thiselton-Dyer, W. T.	1	294-317	Jan 1874
Droseraceae	Clarke, C. B.	2	423-425	Jul 1878
Ebenaceae	Clarke, C. B.	3	549-572	Dec 1882
Elaeagnaceae	Hooker, J. D.	5	201-203	Aug 1886
Elatineae	Thiselton Dyer, W. T.	1	250-252	Jan 1874
Epacrideae	Clarke, C. B.	3	477	Dec 1882
Ericaceae	Clarke, C. B.	3	456-476	Dec 1882
Eriocauleae	Hooker, J. D.	6	571-585	Sept 1893
Euphorbiaceae	Hooker, J. D.	5	239-240	Aug 1886
Euphorbiaceae	Hooker, J. D.	5	241-462	Dec 1887
Euphorbiaceae	Hooker, J. D.	5	463-477	Dec 1888
Ficoideae	Clarke, C. B.	2	658-665	Mai 1879
Flagellarieae	Hooker, J. D.	6	390-391	Jul 1892
Frankeniaceae	Edgeworth, M. P.	1	211-212	Jan 1874
Fumariaceae	Hooker, J. D.	1	120-128	Mai 1872
Gentianaceae	Clarke, C. B.	4	93-132	Jun 1883
Geraniaceae	Edgeworth, M. P. & J. D. Hooker	1	426-464	Jan 1874
Geraniaceae	Edgeworth, M. P. & J. D. Hooker	1	465-483	Feb 1875
Gesneraceae	Clarke, C. B.	4	336-375	Jan 1884
Gnetaceae	Hooker, J. D.	5	640-643	Dec 1888
Goodenovieae	Clarke, C. B.	3	420-421	Mar 1881
Gramineae	Hooker, J. D.	7	[1]2-420	Nov 1897
Guttiferae	Anderson, T.	1	258-278	Jan 1874
Haemodoraceae	Hooker, J. D.	6	264-271	Jul 1892
Halorageae	Clarke, C. B.	2	430-434	Jul 1878
Hamamelideae	Clarke, C. B.	2	425-430	Jul 1878
Hydrocharideae	Hooker, J. D.	5	658-664	Dec 1888
Hydrophyllaceae	Clarke, C. B.	4	133-134	Jun 1883
Hypericineae	Thiselton Dyer, W. T.	1	252-258	Jan 1874
Ilicineae	Hooker, J. D.	1	598-606	Feb 1875
Illecebraceae	Hooker, J. D.	4	711-713	Aug 1885
Iridaceae	Hooker, J. D.	6	271-277	Jul 1892
Juglandeae	Hooker, J. D.	5	595-597	Dec 1888
Juncaceae	Hooker, J. D.	6	392-402	Jul 1892
Labiatae	Hooker, J. D.	4	604-705	Aug 1885
Laurineae	Hooker, J. D.	5	116-189	Aug 1886
Leguminosae	Baker, J. G.	2	56-240	Mai 1876
Leguminosae	Baker, J. G.	2	241-306	Jul 1878
Lemnaceae	Hooker, J. D.	6	556-558	Sept 1893
Lentibularieae	Clarke, C. B.	4	328-336	Jan 1884
Liliaceae	Hooker, J. D.	6	299-362	Jul 1892
Lineae	Hooker, J. D.	1	409-417	Jan 1874
Loganiaceae	Clarke, C. B.	4	78-93	Jun 1883
Loranthaceae	Hooker, J. D.	5	203-228	Aug 1886
Lythraceae	Clarke, C. B.	2	565-581	Mai 1879
Magnoliaceae	Hooker, J. D. & Thomson	1	38-45	Mai 1872
Malpighiaceae	Hooker, J. D.	1	417-422	Jan 1874
Malvaceae	Masters, M. T.	1	317-353	Jan 1874
Melastomaceae	Clarke, C. B.	2	512-565	Mai 1879
Meliaceae	Hiern, W. P.	1	540-569	Feb 1875
Menispermaceae	Hooker, J. D. & Thomson	1	94-107	Mai 1872

taxon	author(s)	vol.	pagination	date
Monimiaceae	Hooker, J. D.	5	114-116	Aug 1886
Monotropeae	Clarke, C. B.	3	476-477	Dec 1882
Moringeae	Hooker, J. D.	2	45	Mai 1876
Myrsineae	Clarke, C. B.	3	507-534	Dec 1882
Myristiceae	Hooker, J. D.	5	101-114	Aug 1886
Myrtaceae (excl. Barringtonieae)	Duthie, J. F.	2	462-496	Jul 1878
Myrtaceae (excl. Barringonieae)	Duthie, J. F.	2	497-506	Mai 1879
Myrtaceae-Barringtonieae	Clarke, C. B.	2	506-512	Mai 1879
Naiadaceae	Hooker, J. D.	6	562-571	Sept 1893
Nepenthaceae	Hooker, J. D.	5	68-71	Aug 1886
Nyctagineae	Hooker, J. D.	4	708-711	Aug 1885
Nymphaeaceae	Hooker, J. D. & Thomson	1	113-116	Mai 1872
Ochnaceae	Bennett, A. W.	1	523-527	Feb 1875
Olacineae	Masters, M. T.	1	572-598	Feb 1875
Oleaceae	Clarke, C. B.	3	590-618	Dec 1882
Onagraceae	Clarke, C. B.	2	582-590	Mai 1879
Orchideae	Hooker, J. D.	5	667-686	Dec 1888
Orchideae	Hooker, J. D.	5	687-858	Apr 1890
Orchideae	Hooker, J. D.	6	[1]2-198	Dec 1890
Orobanchaceae	Hooker, J. D.	4	319-328	Jan 1884
Palmae	Beccari, O. & J. D. Hooker	6	402-448	Jul 1892
Palmae	Beccari, O. & J. D. Hooker	6	449-483	Sept 1893
Pandaneae	Hooker, J. D.	6	483-488	Sept 1893
Papaveraceae	Hooker, J. D. & Thomson	1	116-119	Mai 1872
Passifloreae	Masters, M. T.	2	598-603	Mai 1879
Pedalineae	Clarke, C. B.	4	386-387	Jan 1884
Philydraceae	Hooker, J. D.	6	363-364	Jul 1892
Phytolaccaceae	Hooker, J. D.	5	21-22	Aug 1886
Piperaceae	Hooker, J. D.	5	78-99	Aug 1886
Pittosporeae	Hooker, J. D. & Thomson	1	197-200	Mai 1872
Plantagineae	Hooker, J. D.	4	705-708	Aug 1885
Plumbagineae	Clarke, C. B.	3	478-481	Dec 1882
Podostemonaceae	Hooker, J. D.	5	61-68	Aug 1886
Polemoniaceae	Clarke, C. B.	4	133	Jun 1883
Polygaleae	Bennett, A. W.	1	200-208	Mai 1872
Polygaleae	Bennett, A. W.	1	209-211	Jan 1874
Polygonaceae	Hooker, J. D.	5	22-61	Aug 1886
Pontederiaceae	Hooker, J. D.	6	362-363	Jul 1892
Portulaceae	Thiselton Dyer, W. T.	1	246-248	Jan 1874
Primulaceae	Hooker, J. D.	3	482-506	Dec 1882
Proteaceae	Hooker, J. D.	5	189-192	Aug 1886
Ranunculaceae	Hooker, J. D. & Thomson	1	[1]2-30	Mai 1872
Resedaceae	Hooker, J. D. & Thomson	1	180-182	Mai 1872
Rhamneae	Lawson, M. A.	1	629-644	Feb 1875
Rhizophoreae	Henslow, G.	2	434-443	Jul 1878
Rosaceae	Hooker, J. D.	2	307-388	Jul 1878
Roxburghiaceae	Hooker, J. D.	6	297-299	Jul 1892
Rubiaceae	Hooker, J. D.	3	17-192	Mai 1880

taxon	author(s)	vol.	pagination	date
Rubiaceae	Hooker, J. D.	3	193-210	Mar 1881
Rutaceae	Hooker, J. D.	1	484-517	Feb 1875
Sabiaceae	Hooker, J. D.	2	[1]2-7	Mai 1876
Salicineae	Hooker, J. D.	5	626-639	Dec 1888
Salvadoraceae	Clarke, C. B.	3	618-620	Dec 1882
Samydaceae	Clarke, C. B.	2	590-598	Mai 1879
Santalaceae	Hooker, J. D.	5	228-236	Aug 1886
Sapindaceae	Hiern, W. P.	1	668-699	Feb 1875
Sapotaceae	Clarke, C. B.	3	534-549	Dec 1882
Saxifragaceae	Clarke, C. B.	2	388-411	Jul 1878
Scitamineae	Baker, J. G.	6	198-224	Dec 1890
Scitamineae	Baker, J. G.	6	225-264	Jul 1892
Scrophularineae	Hooker, J. D.	4	246-256	Jun 1883
Scrophularineae	Hooker, J. D.	4	257-319	Jan 1884
Selagineae	Hooker, J. D.	4	558-560	Aug 1885
Simarubeae	Bennett, A. W.	1	517-523	Feb 1875
Solanaceae	Clarke, C. B.	4	228-246	Jun 1883
Sterculiaceae	Masters, M. T.	1	353-379	Jan 1874
Stylidieae	Clarke, C. B.	3	419-420	Mar 1881
Styraceae	Clarke, C. B.	3	572-590	Dec 1882
Taccaceae	Hooker, J. D.	6	286-288	Jul 1892
Tamariscineae	Thiselton Dyer, W. T.	1	248-250	Jan 1874
Ternstroemiaceae	Thiselton Dyer, W. T.	1	279-294	Jan 1874
Thymelaeaceae	Hooker, J. D.	5	192-201	Aug 1886
Tiliaceae	Masters, M. T.	1	379-409	Jan 1874
Triurideae	Hooker, J. D.	6	558-559	Sept 1893
Typhaceae	Hooker, J. D.	6	488-490	Sept 1893
Umbelliferae	Clarke, C. B.	2	665-720	Mai 1879
Urticaceae	Hooker, J. D.	5	477-594	Dec 1888
Vacciniaceae	Clarke, C. B.	3	442-448	Mar 1881
Vacciniaceae	Clarke, C. B.	3	449-455	Dec 1882
Valerianeae	Clarke, C. B.	3	210-215	Mar 1881
Verbenaceae	Clarke, C. B.	4	560-604	Aug 1885
Violaceae	Hooker, J. D. & Thomson	1	182-189	Mai 1872
Xyrideae	Hooker, J. D.	6	364-366	Jul 1892
Zygophylleae	Edgeworth, M. P. & J. D. Hooker	1	422-425	Jan 1874

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EPONYMY: *Hookera* R.A. Salisbury (1808, *nom. rej.*).

Hooker, William Jackson (1785-1865), British botanist, professor of botany Glasgow 1820, director Royal Botanic Gardens, Kew, 1841-1865, travelled in Iceland 1809. (*Hook.*).

HERBARIUM and TYPES: K; algae, lichens and fungi at BM. Some early types perhaps also at GL (now at E) or in some other herbaria from which Hooker received plants on loan (e.g. from the Lambert herbarium). Hooker's personal herbarium was purchased by Kew in 1867; his correspondence and manuscripts are also at K; letters to J. E. Smith at LINN, to Gray at GH, to Miquel at U. British cryptogams in B, BM, BR, CGE, DWC, GL, FH, FI, H, LINN, LIV, NY, OXF, P, PC, W.
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2: 285; Jackson p. 560; Kew 3: 29-31; Langman p. 375; Lasègue p. 85, 325, 395, 571; Lenley p. 229, 460; LS 12620-12630; MD p. 145-157 (many bibl. details); ME 3: 599; Moebius p. 59, 134, 284, 421; MW p. 191-193, suppl. p. 112-113; NI 914-930; Plesch p. 267-268; PR 4207-4242 (ed. 1: 4643-4669); Rehder 5: 404; RS p. 88; SBC ("Hook."); Sotheby 356-359; Stevenson p. 1245; TL-2/index; TR 588; Tucker 1: 350-351; Urban-Berl. p. 277, 287, 303, 358; Zander ed. 10, p. 671.

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HOOKER FAMILY: William Jackson Hooker married Maria Turner (c. 1797-1872), eldest daughter of the algologist and banker Dawson Turner (1775-1858). They had five children of whom Joseph Dalton Hooker is treated above. The eldest son, William Dawson Hooker (1816-1840), ornithologist and entomologist, wrote an inaugural dissertation on *Cinchona* (1839) (see e.g. PR ed. 1: 4641, 4642).

COMPOSITE WORKS: (1) J. E. Smith, *The English flora*, vol. 5, part 1. (Mosses, Hepaticae, Lichens, Characeae and Algae), London 1833, by W. J. Hooker as vol. 2 of the "*British flora*". See under J. E. Smith.
(2) Botanical descriptions in W. Woodville, *Medical botany*, ed. 3, 5 vols. 1832, q.v.
(3) Musci, in W. Curtis, *Flora londinensis*, ed. 2, see TL-2/1286.

HANDWRITING: Bartonia 28: *pl. 5*. 1957; Candollea 30: 399-400. 1975; Sotheby no. 356.

EPONYMY (genera): *Hookeria* J. E. Smith (1808, *nom. cons.*); *Hookeria* Schwägrichen (1816); *Hookeriopsis* (Bescherelle) Jaeger (1877); (journals): W. J. Hooker published a number of short-lived botanical journals, the first of which is *Journal of Botany*. London. Vol. 1-4. 1834-1842, often called (but not on the t.p.): *Hooker's Journal of Botany*. This was followed by *London Journal of Botany*. London. Vol. 1-7. 1844-1848, often called (but not on the t.p.): *Hooker's London Journal of Botany*. The third is *Hooker's Journal of Botany and Kew Garden Miscellany*. London. Vol. 1-9. 1849-1857. Hooker also started *Icones Plantarum*. London. Vol. 1-10. 1837-1864, which from Vol. 11. 1867 onwards is called *Hooker's Icones Plantarum*.

2986. *Journal of a tour in Iceland in the summer of 1809*. By William Jackson Hooker, ... Yarmouth (printed by J. Keymer, King-street) 1811. Not published. Oct. (*Journ. Iceland*).

Ed. [*1*]: 14-28 Mar 1811 (first issue).
First issue: frontisp., p. [i]-lxii [dated 14 Mar 1811], [1]-496, [1-6, index], [1, err.], *4 pl.* (plain copper engr.). *Copies*: G (sent to A. P. de Candolle by author), MO, NY; IDC 5959.
Second issue: with a prefatory letter, dated 10 Aug 1811, no copy seen.
Ed. 2: Apr 1813 (P & W), "... second edition, with additions. Vol. 1[-2]." London (printed for Longman, Hurst, Rees, Orme, and Brown, ... and John Murray ... by J. Keymer, Yarmouth.) 1813. Oct. *Copies*: BR, G, MO, NY.
Vol. 1: frontisp., [i*-vii*], [1]-cvi [dated 9 Dec 1813], [1]-369, 2 maps, *3* uncol. copper engr.
Vol. 2: map, [i-iii], [1]-391, [1-14, index]. 1 table.

The plants collected by Hooker on this trip were lost in a fire on the return voyage.
Ref.: P & W p. 280; SY p. 40.

2987. *British Jungermanniae*: being a history and description, with colored figures, of each species of the genus, and microscopical analyses of the parts ... London (Published by Longman, Hurst, Rees, Orme, and Brown; Sherwood, Neely, and Jones; and J. Harding.) [1812-] 1816. Qu. (*Brit. Jungermann.*).
Publ.: In 22 parts, 1812-1816 (dates see below), p. [i-xxvii], [1]-20, *pl. 1-84, suppl. 1-4* (with

text; handcol. copper engr. of drawings by the author). *Copies*: G, MICH, MO, NY; IDC 5961.

part	*plates*	dates	part	*plates*	dates
1	*1-4*	21 Apr 1812	12	*45-48*	14 Apr 1813
2	*5-8*	26 Mai 1812	13	*49-52*	13 Aug 1813
3	*9-12*	29 Jun 1812	14	*53-56*	2 Oct 1813
4	*13-16*	29 Jul 1812	15	*57-60*	18 Dec 1813
5	*17-20*	29 Aug 1812	16	*61-64*	26 Mar 1814
6	*21-24*	29 Sep 1812	17	*65-68*	13 Jul 1814
7	*25-28*	30 Oct 1812	18	*69-72*	6 Jul 1815
8	*29-32*	30 Nov 1812	19	*73-76*	4 Dec 1815
9	*33-36*	1 Jan 1813	20	*77-80*	27 Mar 1816
10	*37-40*	1 Feb 1813	21	*81-84*	1 Mai 1816
11	*41-44*	1 Mar 1813	22	*Suppl. 1-4*	14 Jun 1816

The contents of the parts as given are conjectural. Gepp supposes that part 22 must have included, in addition to the four supplementary plates, the introduction, the synopsis, the title-page and the index. Besides the generally known quarto edition a few copies of folio size were issued (see e.g. Sotheby 356). – The dates given in TL 1 (no. 527) are those on which the parts were received by the publishers from the printers. Publication may often have taken place on the first of each month, e.g. part 1 on 1 Mai, etc. and it might be assumed (with Margadant, MD) that there were some exceptions: 12: 15 Apr 1813, 13: 15 Aug 1813, 14: 2 Oct 1813, 15 possibly indeed on 18 Dec 1813, 17: 15 Jul 1814, 18 possibly on 15 Jul 1815, 19 on 4 Dec 1815 and 22 on 15 Jun 1866. However, there are no firm indications that this was the case and the publishers could have started distribution immediately upon receipt (dates Gepp). A number of copies were issued on large paper (e.g. the Plesch copy). – Bohn announced a *reissue* in 1843 (see Bot. Zeit. 1: 36. 1843). See Margadant (MD) for a detailed bibliographical study. – FH has a set of proof plates [*1-10*, *12-20*, not numbered] accompanied by text [i, hand col. t.p. s.d.], [1]-20; sent to Charles Lyell by W.J.H. with accompanying letter dated 30 Dec 1813.
Ref.: MD p. 146-147; Gepp, J. Bot. 44: 176-178. 1906.

2988. *Plantae cryptogamicae*, quas in plaga orbis novi aequinoctali collegerunt Alexander de Humboldt et Amat. Bonpland . . . Descriptae a Gulielmo Jackson Hooker, . . . Adjectis tabulis species quasdam novas minusve cognitas [Muscorum frondosorum et hepaticorum] exhibentibus necnon Alexandri de Humboldt notationibus quibusdam plantarum geographiam spectantibus. No. 1. London (Veneunt apud J. Harding), Parisiis lutetiorum (G. Ukert), Viennae (D. Artaria) 1816. Qu. †. (*Pl. crypt.*).
Publ.: Mai-Jul 1816. – Cover, *4 plates* (hand-col. copper engr.) with 8 lvs text. *Copies*: BM, KVA, USDA; IDC 5960. – Hooker distributed copies in [Jan and] Feb 1816, e.g. to the Paris Academy (rd. 12 Feb 1816). This could perhaps be taken as regular publication, but it is probable that this was an incomplete copy, or even only a single specimen plate. An 1816 prospectus of J. Harding, appended to the KVA copy, mentions such "specimens of the work" and states that part 1 will be ready in May. The book was announced for sale in the JGE on 20 Nov 1816 (Sayre). On 25 Sep 1816 Beauvois acknowledges the receipt of the first instalment [sic] to W. J. Hooker (letter at K). – The book has neither title-page nor pagination and was published in a simple wrapper. Other bryophytes from the Humboldt collections were published in the *Musci exotici* (2990). See also Sayre (SY p. 51).

2989. *Muscologia britannica*; containing the mosses of Great Britain & Ireland, systematically arranged and described; with plates illustrative of the characters of the genera and species . . . London (printed by Richard and Arthur Taylor for Longman, Hurst, Rees, Orme, and Brown, . . .) 1818. Oct. (*Muscol. brit.*).
Co-author: Thomas Taylor (x-1848).

Ed. 1: 1 Jan 1818, p. [i*-iii*],, [i]-xxxv, [xxxvi, err.], [1]-152, *pl. 1-31*, uncol. or coloured copper engr. by author. *Copies*: G(col.), NY (uncol.), USDA (uncol.); IDC 5002.
Ed. 2: London (printed for Longman, Rees, Orme, Brown & Green) 1827. Oct. *Publ.*: 1 Jan

(prob.) 1827, p. [i]-xxxvii, (1, h.t.], [1]-272, *pl. 1-31*, suppl. *1-6*. *Copies*: G (2, col.), MO, NY (col.), U, USDA. – "Second edition, corrected and enlarged." Issued with col. and with plain pl. G has a *second copy*, also with coloured plates, interleaved with specimens affixed.
Ed. 3: *Bryologia britannica* see W. Wilson, London 1855.

TYPES: Taylor's herbarium is at FH, that of Hooker at K. An important set of types from Taylor is at BM (Bryoph., Lich.), acquired with the herbarium Wilson (1873).
Ref.: Swartz [in letter printed in] W. J. Hooker, J. Bot. 2: 388, 390. 1840.
Day, Rhodora 3: 71. 1901.

2990. *Musci exotici*; containing figures and descriptions of new or little known foreign mosses and other cryptogamic subjects . . . London (printed by Richard and Arthur Taylor . . . for Longman, Hurst, Rees, Orme, and Brown, . . .) 1818-1820, 2 vols. Oct. and Qu. (*Musci exot.*).

Vol. 1: p. [i]-viii, *pl. 1-96*, with text.
Vol. 2: p. [i, iii], [1]-31, [32, err.], *pl. 97-176*, id.

Copies: G (uncol.; oct.), MICH (col.; qu.), NY (uncol.; qu.), Regensburg (orig. covers; uncol.; oct.), U (col.; qu.); IDC 227.

vol.	number	*plates*	dates	vol.	number	*plates*	dates
1	1	*1-4*	1 Jan 1818	2	13	*97-104*	1 Jan 1819
	2	*5-12*	1 Feb 1818		14	*105-112*	1 Feb 1819
	3	*13-24*	1 Mar 1818		15	*113-120*	1 Mar 1819
	4	*25-32*	1 Apr 1818		16	*121-128*	1 Apr 1819
	5	*33-40*	1 Mai 1818		17	*129-136*	1 Mai 1819
	6	*41-48*	1 Jun 1818		18	*137-144*	1 Jul 1819
	7	*49-56*	1 Jul 1818		19	*145-152*	1 Sep 1819
	8	*57-64*	1 Aug 1818		20	*153-160*	1 Nov 1819
	9	*65-70, 72*	1 Sep 1818		21	*161-168*	1 Dec 1819
	10	*71, 73-80*	1 Oct 1818		22	*169-176*	1 Mai 1820
	11	*81-88*	1 Nov 1818		[23]	p. [1]-31	1 Mai 1820
	12	*89-96*	1 Dec 1818				

The regular edition, with uncoloured [and coloured, MD] plates, was in octavo; other copies were printed in quarto, also with the plates coloured or uncoloured. Hooker (in a letter to A. P. de Candolle, 26 Oct 1817) describes the book as "to be published in numbers, of an octavo size & with plates uncoloured" (advertisement sheet included in part 4 fide Mr. John Collins of B. Quaritch Ltd., who also supplied additional information on the contents of the parts.) The dates on the wrappers of the octavo issue (copy: Regensburg; also established by Collins, Dixon and Margadant) are so close to the dates of receipt by the publishers (provided by Gepp) that there is no reason not to accept them (Art. 30 ICBN). – For an extensive bibliographical study with botanical notes see Margadant (MD). Margadant found evidence of a later pull of the plates on different paper.
Ref.: MD p. 148-151; SY p. 51, 52, 56, 61.
Swartz, O., *in* W. J. Hooker, J. Bot. 2: 390. 1840.
Gepp, J. Bot. 44: 176-178. 1906.
Dixon, P. S., J. Bot. 72: 15-17. 1934.

2991. *Flora scotica*; or a description of Scottish plants, arranged both according to the artificial and natural methods. In two parts . . . London: (printed by Richard and Arthur Taylor . . . for Archibald Constable and Co., Edinburgh; and Hurst, Robinson and Co., . . . London) 1821. Oct. (*Fl. scot.*).
Publ.: The two parts together on 10 Mai 1821, p. [i]-x, [1, h.t.], [1]-292, [1-4, index], [1]-297, [298-303, index]. *Copies*: G, MICH, MO, Stevenson, U; IDC 5093. – For bibliographical and botanical notes see MD. The G copy has a frontispiece portrait of the author and 3 plates, all apparently added later.

Ref.: MD p. 151-153; P&W 280; SY p. 66.
Rogers, D. P., Mycologia 43: 378. 1951; see also L. H. Petersen, Mycotaxon 1: 156, 161. 1975.

2992. *Botanical illustrations*: being a series of figures designed to illustrate the terms employed in a course of lectures on botany, with descriptions; . . . Edinburgh (printed for Constable and Company), London (Hurst, Robinson and Company), Glasgow (all the booksellers) 1822. Qu. (oblique). (*Bot. ill.*).
Publ.: Sep 1821 (P&W; t.p. 1822; p. [iii]: 28 Jun 1821), p. [i-v], *pl. 1-8, 1-2, 1-6, 1, 1, 1-3*, each with 1 p. expl. *Copy*: NY.
Other edition: 1837, p. [i], *pl. 1-26*, each with 1 p. expl. *Copy*: NY. – "*Botanical illustrations*; . . . botany. By Sir W. J. Hooker, . . . Unpublished. The plates executed by Walter Fitch." Glasgow (printed by Richardson, Hutchinson & Co.)

2993. *Exotic flora*, containing figures and descriptions of new, rare, or otherwise interesting exotic plants, especially of such as are deserving of being cultivated in our gardens; together with remarks upon their generic and specific characters, natural orders, history, culture, time of flowering &c . . . Edinburgh (printed for William Blackwood, Edinburgh; and T. Cadell, London) [1822-] 1823-1827, 3 vols. Oct. (*Exot. fl.*).
Publ.: Further extensive research by Margadant (MD) now allows a more definitive presentation of contents and date of publication of the 38 fascicles. The dates on the fascicle covers printed in brackets are inferred. There may have been occasional delays in delivery (several of the later fascicles were reviewed rather late) but for all practical purposes the following dates may now be accepted. Margadant provides in addition many details on the plates, the artists and engravers, further collaborators (descriptions of plants were furnished by H. T. Colebrooke, R. Graham, J. Lindley), on reviews and announcements as well as on the general botanical importance of the book.

1: [i]-vii, *pl. 1-79*, with text; t.p. 1823, dedic. 1 Nov 1823.
2: [i-iii], *pl. 80-150*, id., [1-5, index], t.p. 1825.
3: [1]-viii, *pl. 151-163, 163*, 164-232*, id., t.p. 1827.

Copies: MICH (col.), MO (col.), NY (col.), US (col.), USDA (col.).
Plates: 233 hand-coloured or uncoloured copper engravings by 11 artists (see MD p. 154).

vol.	fasc.	*plates*	date fasc.	publ.-date
1	1	*1-17(-20?)*	[1821]	Aug 1822
	2	*18-33*	[1822]	1 Dec 1822
	3	*34-48*	[1823]	Apr 1823
	4	*49-63*	[1823]	1 Jun 1823
	5	*64-79*	[1823]	early Nov 1823
2	6	*80-84*	[1824]	Jan 1824
	7	*85-89*	[1824]	Feb 1824
	8	*90-94*	[1824]	Mar 1824
	9	*95-99*	[1824]	Apr 1824
	10	*100-104*	[1824]	Mai 1824
	11	*105-109*	[1824]	Jun 1824
	12	*110-113*	[1824]	Jul 1824
	13	*114-118*	[1824]	Aug 1824
	14	*119-123*	[1824]	Sep 1824
	15	*124-127*	[1824]	Oct 1824
	16	*128-132*	[1824]	Nov 1824
	17	*133-137*	1824	Dec 1824
	18	*138-141*	1825	Jun? 1825
	19	*142-145*	[1825]	Feb 1825
	20	*146-150*	[1825]	Mar 1825
	21	*151-154*	[1825]	Jun 1825
3	22	*155-158*	[1825]	Jun 1825
	23	*159-163*	[1825]	Jun 1825

vol.	fasc.	*plates*	date fasc.	publ.-date
	24	*163*-167*	1825	Jul 1825
	25	*168-172*	[1825]	Aug 1825
	26	*173-177*	1825	Sep 1825
	27	*178-181*	[1825]	Oct 1825
	28	*182-185*	[1825]	Nov 1825
	29	*186-189*	1825	Dec 1825
	30	*190-194*	[1826]	Jan 1826
	31	*195-199*	[1826]	Feb 1826
	32	*200-204*	[1826]	Mar 1826
	33	*205-208*	[1826]	Apr 1826
	34	*209-212*	[1826]	Mai 1826
	35	*213-217*	[1826]	Jun 1826
	36	*218-222*	[1826]	? 1826
	37	*223-227*	[1826]	1827
	38	*228-232*	[1827]	Jan 1827

"The first part, with 20 plates, . . . is published" (Hooker to A. P. de Candolle on 1 Jul 1882). This information does not fully agree with that of MD. "The 5th part has appeared" (id. 7 Nov 1823). Part 18 came actually out after 19 & 20 and presumably together with part 21 which was not yet out [sic] on 20 June 1825 (letter at G). This would agree with information supplied by Manitz (in litt.) that plates *151-163* came out together as a single fascicle. This "fascicle" must then represent parts 21-23. – For a complete bibliographical study and many further details see MD.
Ref.: DU 140; MD p. 153-157; RS p. 88; SK 4: clxxxvii; Sotheby 317.
Kuntze, O., Rev. gen. 1: cxxx. 1891.

2994. *Some account of a collection of arctic plants* formed by Edward Sabine . . . during a voyage in the polarseas in the year 1823 . . . [London (Richard Taylor)] 1824. Qu.
Publ.: 1824, reprinted, with original pagination, from Trans. Linn. Soc. 14: 360-394, *pl. 13*.
Copies: MO(2). To be cited from journal.

2995. *On the genus Hookeria of Smith of the order Musci.* [Edinburgh, 1825]. Oct. (*Hookeria*).
Co-author: Robert Kaye Greville (1794-1866).
Publ.: Apr 1825, p. [1]-16, *1 pl. Copy*: G. – Separately printed [possibly pre-printed] with independent pagination from *Edinburgh Journ. Sci.* 2(2): 221-236. *t. 5*. Apr 1825.

2996. *On the genus Calymperes* of Swartz and Syrrhopodon of Schwaegrichen of the order musci . . . [Edinburgh 1825]. Oct. (*Calymperes*).
Co-author: Robert Kay Greville (1794-1866).
Publ.: Oct 1825, p. [1]-10, *1 pl.* (by Greville). *Copy*: G. – Reprinted from Edinburgh J. Sci. 3(2): 218-227. Oct 1827. (copy journal publ.: U).

2997. *A catalogue of plants contained in the Royal Botanic Garden of Glasgow*, in the year 1825; alphabetically arranged. Accompanied by a plan of the garden. Glasgow (Andrew and John M. Duncan, . . .) 1825. Oct. (in fours). (*Cat. R.B.G. Glasgow*).
Publ.: Jul-Dec 1825 (p. [iii]: 1 Jul 1825), frontisp., map of garden, p. [i-iv], [1]-67, [68, app.].
Copies: G, NY, USDA.

2998. *Directions for collecting and preserving plants in foreign countries* . . . Glasgow (Curll Printer) 1828. Qu. (*Direct. coll.*).
Publ.: 1828, 2 lvs., drophead title, n.v., details from Collins, in Sotheby 358.

2999. *Botanical miscellany*; containing figures and descriptions of such plants as recommend themselves by their novelty, rarety, or history, or by the uses to which they are applied in the arts, in medicine, and in domestic oeconomy; together with occasional botanical notices and information . . . London (John Murray . . .) [1829-] 1830-1833, 3 vols. Oct. (*Bot. misc.*).

1: [i-iii], err. slip, 1-94, 95-96, 95-356, *pl. 1-67, 67 bis, 68-75*.

2: [i], [1]-421, *pl. 76-95, suppl. pl. 1-20.*
3: [i], [1]-390, *pl. 96-112, suppl. 21-41.*

Copies: MICH, MO, NY, U, US(2); IDC 1006.
Plates: The supplementary plates, all hand-col. copper engr., are sometimes lacking, especially nos. *1-10*. The regular plates are (mostly) uncoloured, except for *110*, which is coloured, but which is also missing sometimes. The numbering of the plates was continued (from *113* onward) in the Journal of Botany (see below), which journal constitutes the continuation of the *Botanical miscellany*. *Artists*: author, Greville, et al.
Pages 95-96 of part 1 (see above) were to be cancelled.

vol.	part	pages	*plates*	dates
1	1	1-96	*1-25*	Apr 1829
	2	95-236	*26-50*	Sep 1829
	3	237-356, [i-iii]	*51-75, 67bis*	Apr-Jul 1830
2	4	[1]-128	*suppl. 1-10*	Nov-Dec 1830
	5	129-256	*76-95*	ante 11 Jun 1831
	6	257-421, [i]	*suppl. 11-20*	ante 10 Sep 1831
3	7	[1]-128	*suppl. 21-32*	ante 3 Mar 1832
	8	129-256	*96-112*	1 Mar 1833
	9	257-390, [i]	*suppl. 33-41*	1 Aug 1833

Ref.: DU 141; SK 4: clxxxviii.
Anon., Flora 12: 184. 28 Mar 1829 (1(1) publ. Jan (?)).
Marshall, Bull. misc. Inf. Kew 1936: 85-95 (lists new genera and species).

3000. *The British flora*; comprising the phaenogamous, or flowering plants, and the ferns; by William Jackson Hooker, ... "Call the vales, and bid them hither cast their bells and flourets of a thousand hues ..." London: (Longman, Rees, Orme, Brown & Green) 1830. Duod. (*Brit. fl.*).

[*Ed. 1*:] 1830 (p. x: 1 Mai 1830), p. [i]-x, [1]-480. *Copies*: G, MO, USDA.
Ed. 2: 1831. Duod. (p. xi: 1 Mai 1831), p. [i]-xi, [1]-479. *Copies*: BR, G, MO, NY, USDA. – "The second edition, with additions and corrections." London (id.). Duod.
Ed. 3: 1835 (p. xi: 1 Mai 1835), p. [iii]-xi, [1]-499. *Copies*: NY. – London (Longman, Rees, Orme, Brown, Green, & Longmans) Oct.
Ed. 4: "*The British flora*; in two volumes."
Vol. 1: London (Longman, Orme, Brown, Green & Longmans). Oct. 1838 (p. xii: 1 Mar 1838), p. [i]-xiv, [1, err.], [1]-448, *pl. 1-4* (uncol. liths.). *Copies*: MICH, NY, USDA.
Vol. 2: *Cryptogamia*, 1833-1836, identical with volume 5 of J. E. Smith, *The English flora*, ed. 2; see under J. E. Smith.
Ed. 5: "*The British flora*: In two volumes."
Vol. 1: Comprising the phaenogamous or flowering plants, and the ferns ... The fifth edition, with additions and corrections, and numerous figures illustrative of the umbelliferous plants, the composite plants, the grasses, and the ferns. London (Longman, Brown, Green and Longmans, ...). Oct. *Publ.*: Oct-Dec 1842 (p. ii: 1 Oct 1842), p. [i]-xxxviii, [1]-464, *pl. 1-12*, col. liths., with text. *Copies*: G, MO, NY, USDA.
Vol. 2: identical with vol. 2. of ed. 4.
Ed. 6: "*The British flora*: comprising the phaenogamous or flowering plants, and the ferns. The sixth edition ... by Sir William Jackson Hooker, ... and George A. Walker Arnott ..." London (Longman, Brown, Green and Longmans) 1850. Duod.
Co-author: George Arnold Walker Arnott (1799-1868).
Publ.: Jul 1850, p. [i]-xli, [xlii, err.], [1-2, h.t., table], [1]-604, *pl. 1-12* (uncol. liths. by W. Fitch, with text). *Copies*: B, G, L, MO, NY (col. pl.), USDA.
Ed. 7: "*The British flora*: ... The seventh edition, with additions and corrections, and numerous figures illustrative of the umbelliferous plants, the composite plants, the grasses, and the ferns; by Sir William Jackson Hooker, ... and George A. Walker Arnott, ..." London (id.). Duod. *Publ.*: 1855 (p. xiii: 1 Mai 1855), p. [i]-xli, [xlii, err.], [1-2], [1]-618. *pl. 1-12* (col. liths. by W. Fitch), *Copies*: BR, NY (plates uncol.).

Ed. 8: "*The British . . . ferns* with numerous figures . . . ferns, by . . . The eighth edition revised and corrected." London (Longman, Green, Longmans and Roberts). Duod.
Publ.: Oct-Dec 1860 (p. xvi: 1 Oct 1860), p. [i]-xlvii, [1]-636, *pl. 1-12* (liths., with text).
Copies: G (uncol.), NY (col.).
Ref.: Anon., Lit. Ber. Flora 1: 95. Jan-Mai 1831.

3001. *The botany of Captain Beechey's Voyage*; comprising an account of the plants collected by Messrs Lay and Collie, and other officers of the expedition, during the voyage to the Pacific and Bering's Strait, performed in His Majesty's Ship Blossom, under the command of Captain F. W. Beechey, R.N., F.R., & A.S., in the years 1825, 26, 27, and 28. By Sir William Jackson Hooker, . . . and G. A. Walker Arnott . . . illustrated by numerous plates. Published under the authority of the right honourable the secretary of state for colonial affairs. London (Henry G. Bohn) [1830-] 1841. Qu. (*Bot. Beechey Voy*).
Captain: Frederik William Beechey (1796-1856), see TL 2, vol. 1, p. 167.
Co-author: George Arnold Walker Arnott (1799-1868).
Publ.: In 10 parts, 1830-1841, p. [i*], [iii*], errata slip, [i]-ii, [1]-485, *pl. 1-99, 29bis*, engr. by Swan after drawings Hooker. *Copies*: MO, NY, USDA; IDC 5264. – (total number of copies printed: 125).

part	pages	*plates*	dates	part	pages	*plates*	dates
1	1-48	*1-10*	Dec 1830	6	241-288	*50-59*	Jul 1838
2	49-96	*11-20*	Jan-Feb 1832	7	289-336	*60-69*	Dec 1838
3	97-144	*21-29bis*	Oct-Nov 1832	8	337-384	*70-79*	Jan-Mai 1839
4	145-192	*30-39*	Oct 1833	9	385-432	*80-89*	Feb-Mar 1840
5	193-240	*40-49*	Jul-Aug 1837	10	433-485	*90-99*	Jan-Jun 1841

Types: Arnott's herbarium is at GL (now E). Asa Gray states that the Beechey plants are in Arnott's herbarium. Hooker also owned a set, which may in part also still be at GL (now E). The Lambert set is now at G. The types of Arnott's diatoms are at AWH.

Facsimile ed.: Weinheim (J. Cramer) 1965, Historiae naturalis classica 39, ISBN 3-7682-0263-1. With introductory note by F. A. Stafleu. *Copy*: FAS. – See also Taxon 14: 205. 1965.

Ref.: Bret. 1: 290-294; RS p. 88; SK 4: clxxix; TR 588.
Beechey, F. W., Narrative of a voyage to the Pacific and Beering's strait, London 1831, 2 vols. [1: [i]-xxii, [1]-472, *13 pl.*, 3 charts, map; 2: [i]-iv, [1]-452, *10 pl.*]; German translation: Reise nach dem Stillen Ocean . . . Weimar 1832, 2 vols. [1: [i]-viii, [1]-472, *1 pl.*; 2: [ii]-viii, [1]-450, map].
Kuntze, O., Rev. gen. pl. 1: cxxx. 1891.
Jackson, B. D., J. Bot. 31: 297-299. 1893.
Brandegee, Zoe 4: 369-372. 1894.
Nakai, Bot. Mag. [Tokyo] 40: 363. 1926.
Marshall, Kew Bull. 1950: 333.

3002. *Icones filicum*: ad eas potissimum species illustrandas destinatae, quae hactenus, vel in herbariis delituerunt prorsus incognitae, vel saltem nondum per icones botanicis innotuerunt. Figures and descriptions of ferns, principally of such as have been altogether unnoticed by botanists, or have not yet been correctly figured . . . In two volumes . . . Londini: (prostant venales apud Treuttel et Würtz . . . Argentorati [Strasbourg] apud eosdem . . .) [1827-] 1831 [-1832]. Fol. (*Icon. filic.*).
Co-author: Robert Kaye Greville (1794-1866).

1: [i, iii, v], *pl. 1-120*, with text, index [1]-2. Plate *51* as "*52*", *52* as "*51*", *47* as "*48*", *48* as "*47*".
2: [i], *pl. 121-167, 168/169, 170-240*, with text, [1]-2 add., corr., [3]-9 index.

Two *issues*: with plain and with coloured plates (drawn by Greville, engraved by J. Swan). For a collation see Collins in Sotheby.
Copies: MO (col.), NY (uncol.), U (uncol.), US (col.); IDC 5088.

vol.	part	*plates*	dates	vol.	part	*plates*	dates
1	1	*1-20*	Feb 1827	2	7	*121-140*	1829
	2	*21-40*	1827		8	*141-160*	1829 or 1830
	3	*41-60*	1827		9	*161-180*	1830
	4	*61-80*	1828		10	*181-200*	1830 or 1831
	5	*81-100*	Sep-Dec 1828		11	*201-220*	1831, autumn
	6	*101-120*	1829		12	*221-240*	Jun 1832

Ref.: Boivin, Canadian Field Naturalist 64: 212-214. 1951.

3003. *Flora boreali-americana*; or, the botany of the northern parts of British America: compiled principally from the plants collected by Dr. Richardson & Mr. Drummond on the late northern expeditions, under command of captain Sir John Franklin, R.N., to which are added (by permission of the Horticultural Society of London) those of Mr. Douglas, from North-West America, and other naturalists; by William Jackson Hooker . . . illustrated by numerous plates. Published under the authority of the right honorable the Secretary of State for colonial affairs. London (Treuttel & Würtz, Treutel, Jun., & Richter, . . .), Paris and Strasburg (Treuttel & Würtz) [1829-] 1833-1840, 2 vols. Qu. (*Fl. bor.-amer.*).
Commander: John Franklin (1786-1847); *Collectors*: Sir John Richardson (1787-1865); Thomas Drummond(x-1835); David Douglas (1798-1834).

Vol. 1: p. [i-iii], [1]-351, *pl.1-118*, map.
Vol. 2: p. [i], [1]-328, *pl. 119-228*, no. [*171*] unnumbered.

Copies: MICH, MO, NY, USDA; IDC 5368.

vol. & part	pages	*plates*	dates
1(1)	1-48	*1-18*	Sep 1829
(2)	49-96	*19-38*	Jan-Apr 1830
(3)	97-160	*39-58*	1831
(4)	161-216	*59-78*	1832
(5)	217-272	*79-98*	1832
(6)	273-328	*99-118*	late 1833
suppl.	329-335		1834
	[329bis]-351		
2(7)	1-48	*119-138*	late 1834
(8)	49-96	*139-158*	Jul 1837
(9)	97-144	*159-178*	Jul 1838
(10)	145-192	*179-198*	Dec 1838
(11)	193-240	*199-218*	1-15 Nov 1839
(12)	241-328	*219-238*	1-8 Jul 1840

Types (partly) at BM, fide Hist. Coll. BMNH p. 177: collection John Richardson (1919 specimens) presented by the Admiralty 1856; p. 145: collection David Douglas presented 1856 by Royal Horticultural Society.
Issues: Vol. 1 with t.p. 1833 (MICH); reissued with t.p. 1840; London (Henry G. Bohn). Part 1 (pp. 1-48) was reissued with some textual changes along with part 2 (e.g. 2nd issue has on p. 2, line 23 "the N.W. coast, in lat. 40°: plentiful" instead of "on the N.W. coast: plentiful"). The facsimile reprint is of a copy with the second issue of this part. The plates are by R.K. Greville and W. J. Hooker.
Facsimile ed.: Weinheim (J. Cramer) 1960, ISBN 3-7682-0030-2, Historiae naturalis classica 5. – *Copies*: FAS, MICH, US.
Reprint of plates: "*Icones florae boreali-americanae.* Plantae canadenses et arcticae auctore G. J. Hooker. 238 Tabulae." Berolini [Berlin] (R. Friedländer et filius.) 1877, p. [i-iv], *pl. 1-238. Copy*: U. – *Reissued*: Berlin 1888.
Ref.: Anon. [Thiselton-Dyer], Bull. misc. Inf. Kew 1905: 10.
Jackson, B. D., Bull. Herb. Boissier 1: 298. 1893; J. Bot. 47: 106. 1909.
Sherborn, C. D., J. Soc. Bibl. nat. Hist. 1: 197. 1939.

Rickett et Stafleu, in facsimile reprint of Fl. Bor.-Am. (Weinheim, 1960) (N.B. misprint: part 8, 1837, not 1838).
Curvey and Johnson, J. Soc. Bibl. nat. Hist. 5: 210-211. 1969.
Sayre, G., Rev. bryol. lichénol. 42(2): 677-681. 1976 (types).
Torrey, J., [letters to him by W.J.H. at New York Bot. Gard.].

3004. *The journal of botany*, being a second series of the Botanical Miscellany; containing figures and descriptions of such plants as recommend themselves by their novelty, rarity, or history, or by the uses to which they are applied in the arts, in medicine, and in domestic oeconomy; together with occasional botanical notices and information. By William Jackson Hooker, . . . London (Longman, Rees, Orme, Brown, Green & Longman; Black, Young & Young, . . . and A. & C. Black, Edinburgh) 1834-1842, 4 vols. Oct. (in fours). (*J. bot.*).
Vol. 1: in four parts 1834-1835; portr. A. Cunningham, p. [i-ii], [1]-390, *pl. 113-140, 141, 142, 143/144* (uncol.) [numbers continued from Bot. Misc.].
parts 1-2: p. 1-192, Apr 1834 (Mag. Nat. Hist.; Gard. Mag. rev. Mai 1834).
part 3: p. 193-288, Jul 1834 (Gard. Mag. Aug 1834).
part 4: p. 289-390, Jan 1835 (Gard. Mag. Feb 1835, indicating that it had been intended for Nov 1834; 29 Jan 1835: Hooker sends a copy to D.C.).
parts 5-8: never issued.
Vol. 2: in eight parts 1840, portr. A. L. de Jussieu, p. [i-ii], [1]-442, *pl. 1-2, 3/4, 5-10*, portr. R. Wight, *11/12, 13-16* (uncol. liths.).

part	pages	dates	part	pages	dates
9	1-56	Feb 1840	13	225-280	Jun 1840
10	57-112	Mar 1840	14	281-336	Jul 1840
11	113-168	Apr 1840	15	337-388	Aug 1840
12	169-224	Mai 1840	16	389-442	Sep 1840

Vol. 3: in eight parts, 1840-1841, portr. O. Swartz, p. [i-ii], [1]-446, *pl. 1-6, 7/8, 9-15, 16/17* (uncol. liths.).

part	pages	dates	part	pages	dates
17	1-56	Oct 1840	21	225-280	Feb 1841
18	57-112	Nov 1840	22	281-336	Mar 1841
19	113-168	Dec 1840	23	337-392	Apr 1841
20	169-224	Jan 1841	24	393-446	Mai 1841

Vol. 4: in eight parts, 1841-1842, portr. Richard, p. [i], [1]-436, *pl. 18/19, 20-25* (uncol. liths.).

part	pages	dates	part	pages	dates
25	1-56	Jun 1841	29	225-280	Oct 1841
26	57-112	Jul 1841	30	281-336	Nov 1841
27	113-168	Aug 1841	31	337-392	Dec 1841
28	169-224	Sep 1841	32	393-436	Jan 1841 _ 27

Copies: MICH, MO, NY, U, USDA; IDC 398.
Imprint vols. 2-3: London (Longman, Orme & Co., and William Pamplin, Jun.) Edinburgh: A. & C. Black); *vol. 4*: London (Longman, Orme & Co., and William Pamplin, Jun.) Edinburgh (Maclachlan, Stewart & Co.).
Portraits: bound differently in various copies.
Dates: Vol. 1, information L. Garay based on contemp. reviews, vols. 2-4: parts dated (mostly) with signatures; dates of receipt at CGE.

3005. *Companion to the Botanical Magazine*; being a journal, containing such interesting botanical information, as does not come within the prescribed limits of the Magazine; with occasional figures. London (printed by Edward Couchman, . . . for the proprietor Samuel Curtis, . . .) 1835-1836 [-1837], 2 vols. Oct. (*Comp. Bot. Mag.*).

Vol. 1: p. [i], [1]-384, [1-2, index], *pl. 1-19*, (nos. *2*, *17*, *18*, *19* partly coloured) copper engr.
Vol. 2: p. [1]-381, [1-2, index], 3 portr., *pl. 20-32*, nos. *20-30* copper engr., *31-32* liths. The portraits are of David Douglas, Richard Cunningham and John Fraser.

Copies: MO, NY, U, US, USDA; IDC 5349.

vol.	no.	pages	*plates*	dates	vol.	no.	pages	*plates*	dates
1	1	1-32	*1-2*	1 Aug 1835	2	13	1-32	*20-21*	1 Aug 1836
	2	33-64	*3*	1 Sep 1835		14	33-64	*22*	1 Sep 1836
	3	65-96	*4-5*	1 Oct 1835		15	65-96	*23*	1 Oct 1836
	4	97-128	*6-7*	1 Nov 1835		16	97-128	*portr.*	1 Nov 1836
	5	129-160	*8*	1 Dec 1835		17	129-160	*24*	1 Dec 1836
	6	161-192	*9-10*	1 Jan 1836		18	161-192	*25*	1 Jan 1837
	7	193-224	*11*	1 Feb 1836		19	193-224	*26*	1 Feb 1837
	8	225-256	*12-13*	1 Mar 1836		20	225-256	*27 & portr.*	1 Mar 1837
	9	257-288	*14-15*	1 Apr 1836		21	257-288	*28*	1 Apr 1837
	10	289-320	*16*	1 Mai 1836		22	289-320	*29 & portr.*	1 Mai 1837
	11	321-352	*17-18*	1 Jun 1836		23	321-352	*30*	1 Jun 1837
	12	353-384	*19*	1 Jul 1836		24	353-381	*31-32*	1 Jul 1837

Sprague stresses the unreliability of the dates of publication of the plates.
A "*Companion to the Botanical Magazine* (new series)" appeared as a text supplement to volumes 71-74, 1845-1848, of the Botanical Magazine.
Ref.: Sprague, T. S., Bull. misc. Inf. Kew 1933: 362-364.

3006. *Icones plantarum*; or figures with brief descriptive characters and remarks, of new or rare plants, selected from the author's herbarium . . . London (Longman, Rees, Orme, Brown, Green, & Longman) [1836-] 1837-1975, vols. 1-38 (publ. continues). (*Icon pl.*).

Ser. 1 *1*: [i]-vi, [i]-iii, *pl. 1-100*, (uncol. liths., each with 1-2 p. text). 1837 (t.p. date).
2: [i]-iv, [i-ii], *pl. 101-200*, id. 1837.
3: [i]-viii, *pl. 201-300*, id. 1840.
4: [i]-viii, *pl. 301-400*, id. 1841.
Ser. 2 *5*: [i]-viii, *pl. 401-500*, id. 1842.
6: [i]-viii, *pl. 501-600*, id. 1843.
7: [i-iii], *pl. 601-700*, id., [v]-viii, 1844.
8: [i-ii], *pl. 701-800*, id., [v]-viii, 1848.
9: [i]-viii, *pl. 801-900*, id. 1852.
10: see: *A century of ferns*, 1854, below, no. 3016.
Ser. 3 *11*: [i], [1]-82, *pl. 1001-1100*, id., 1867-71.
12: [i], 1-90, *pl. 1101-1200*, id., 1876.
13: [i-ii], [1]-80, *pl. 1201-1300*, id., 1877-1879.
14: [i], [1]-79, [1-2, ind.], *pl. 1301-1400*, id., 1880-1882.
15: [i-ii], [1]-80, *pl. 1401-1500*, id., 1883-1885.
16: [i], *pl. 1501-1600*, id., [1-2, index], 1886-1887.
17: [i], *pl. 1601-1700*, id., [1-2, index], 1886-1887.
18: [i-vi], *pl. 1701-1800*, id., 1887-1888.
19: [i-ii], *pl. 1801-1900*, id., 1889.
20: [i-iii], *pl. 1901-2000*, id., [1-3, index], 1891.
Ser. 4 *21*: [i-ii], *pl. 2001-2100*, id., 1892.
22: [i-iv], *pl. 2101-2200*, id., 1894.
23: [i-iv], *pl. 2201-2300*, id., 1894.
24: [i], *pl. 2301-2400*, [1-2, expl.], [1-2, ind.], 1895.
25: [i], *pl. 2401-2500*, id., [i-2, ind.], 1896.
26: [i], *pl. 2501-2600*, id., [1-2, ind.], 1899.
27: [i], *pl. 2601-2700*, id., [1-2, ind.], 1901.
28: [i-v], *pl. 2701-2800*, id. 1905.
29: [i-v], *pl. 2801-2900*, id., 1909.
30: [i-iv], *pl. 2901-3000*, id., 1913.

Index to plates and names in volumes i-xxx. Edited . . . by Sir David Prain, . . . [i], [1]-81. 1891.
Ser. 5 31: [1]-7, *pl. 3001-3100*, id., 1922.
32: [i-vi], *pl. 3101-3200*, id. 1933.
33: [i-viii], *pl. 3201-3300*, id., 1935.
34: [i-vii], *pl. 3301-3400*, id., 1939.
35: [i-xvii], *pl. 3401-3500*, id., [1-8, ind.], 1950.
36: [i-vii], *pl. 3501-3600*, id., 1962
37: [i-x], *pl. 3601-3700*, id., [i-iii], map 1971.
38: [i-v], *pl. 3701-3725*. 1974, [1]-123, *pl. 3726-3750*, *1-13*. 1975.

Copies: MICH, NY, U, USDA; IDC 986.
Facsimile ed.: Vols. 1-22, Lehre (J. Cramer) 1967-1973. *Copies*: FAS, MICH. – ISBN 3-7682-0250-x (1-20), 3-7682-0853-2 and 0854-0 (21-22). Introduction by F. A. Stafleu.

The first ten volumes of the *Icones plantarum* were edited by William Jackson Hooker himself, although, in the later volumes, some of the texts were provided by other authors, notably Joseph Dalton Hooker. The volumes 1-4 constitute the first series, the numbers 5-10 the second series. The first eight volumes were published in two parts of fifty numbered plates each. Since every double plate received two numbers, however, the actual number of plates per part is often less than 50. The parts also received numbers which were consecutive throughout the major part of the series.
Since no copy in original covers is known to us, several of the details provided on these covers are as yet unknown. From the reviews of parts 11-16 it is almost certain that the dates as given below figured on the covers. Without evidence to the contrary they can be taken as the dates of publication although there may have been occasional delays.
Volume 9 was published in smaller parts (10-22?) of circa 8 plates. These parts were to be published monthly (W. J. Hooker, London Journ. Bot. 3: 128. Apr 1851), but it is clear that this was not kept up because the publisher, Reeve, presented part 26 (probably part 10 of the volume) to the Linnean Society on 1 April 1852; part 27 was presented on 1 Sep 1852. It is possible that this was the last [or last but one?] part. The copy of vol. 9 at The New York Botanical Garden has an anonymous annotation "from fascicle covers" that plates 801-888 were published in 1851, and 889-900 in 1852.
Volume 10 was again published in two parts: the dates given here are those of their presentation by the publisher Pamplin to the Linnean Society.

series	volume in series	part in volume	volume consecutive	part consecutive	*plates*	dates
1	1	1	1	1	*1-50*	1-4 Nov 1836
		2		2	*51-100*	1 Feb 1837
	2	1	2	3	*101-150*	Apr 1837
		2		4	*151-200*	7 Oct-8 Nov 1837
	3	1	3	5	*201-250*	Jan-Feb 1839
		2		6	*251-300*	6 Jan-6 Feb 1840
	4	1	4	7	*301-350*	Mai-Dec 1840
		2		8	*351-400*	6 Jul-6 Aug 1841
2	1	1	5	9	*401-450*	late 1841
('new series')		2		10	*451-500*	Jan-Oct 1842
	2	1	6	11	*501-550*	Jan 1843
		2		12	*551-600*	Jul 1843
	3	1	7	13	*601-650*	Jan 1844
		2		14	*651-700*	Jul 1844
	4	1	8	15	*701-750*	Mai 1845
		2		16	*751-800*	Mai 1848
	5		9		*801-888*	Apr-Dec 1851
					889-900	Apr-Sep 1852
	6	1	10		*901-950*	25 Jan 1854
		2			*951-1000*	19 Mai 1854

The third series of *Hooker's Icones plantarum* was edited by Sir Joseph Dalton Hooker (vols. 11-19) and later by Daniel Oliver (vol. 20). Each volume consists of 100 plates and was published in four parts of 25 plates each. The dates of publication of the parts of the volumes 14-20 are given on the title-pages; those of the parts of volumes 11-13 are cited here from manuscript annotations in the copies of the libraries at the Royal Botanical Gardens, Kew, and of the Botany Department of the British Museum (Natural History), London.

vol.	part	*plates*	dates	vol.	part	*plates*	dates
11	1	*1001-1025*	Nov 1867	12	3	*1151-1175*	Dec 1873
	2	*1026-1050*	Jun 1868		4	*1176-1200*	Mai 1876
	3	*1051-1075*	Feb 1870	13	1	*1201-1225*	Jun 1877
	4	*1076-1100*	Jan 1871		2	*1226-1250*	Dec 1877
12	1	*1101-1125*	Aug 1872		3	*1251-1275*	Jun 1878
	2	*1126-1150*	Apr 1873		4	*1276-1300*	Jan 1879

The dates and contents of the parts of series 4-5 are always given on the title-pages and hence not repeated here.

Editors:
1-1000 William Jackson Hooker (1785-1865).
1001-1925 Joseph Dalton Hooker (1817-1911).
1926-2425 Daniel Oliver (1830-1916).
2426-2800 William Turner Thiselton-Dyer (1843-1928).
2801-3000 David Prain (1857-1944).
3001-3400 Arthur William Hill (1875-1941).
3401-3500 Edward James Salibury (1886-x).
3501-3700 George Taylor (1904-x).
3701-x John Patrick Micklethwait Brenan (1917-x).

Imprints:
1-2 London (Longman, Rees, Orme, Brown, Green & Longman)
3-4 London (Longman, Orme, Brown, Green and Longmans)
5-8 London (Hippolyte Baillière . . .), Paris (J. B. Baillière)
9 London (Reeve & Co., . . .)
10 London (William Pamplin, . . .) ["A century of ferns" issue]
11-13 London (Williams and Norgate. . . .)
14-19 London and Edinburgh (Williams and Norgate, . . .)
20 London and Edinburgh (Williams and Norgate, . . .), Berlin (R. Friedländer und Sohn, . . .)
21-29 London (Dulau & Co., . . .)
30-34 London (Dulau & Co., Ltd . . .)
35 Oxford (B. M. Blackwell, Ltd. (Dulau's Department)
36-38 Kew, Richmond, Surrey (Bentham Moxon Trustees)

Artists (cf. Nissen): W. H. Fitch (1837-1876, about 485 plates), W. H. Harvey, Mathilda Smith, Stella Ross Craig, Margaret Stones.
Ref.: Stafleu, F. A., The publication of W. J. Hooker's Icones Plantarum I-X, *in* facsimile edition Lehre 1967; Taxon 16: 548. 1967, 19: 423-424. 1970, 21: 188, 499. 1972, 25: 351. 1976.

3007. *Genera filicum*; or illustrations of the ferns, and other allied genera; from the original coloured drawings of the late Francis Bauer Esq., botanic painter to Her Majesty; with additions and descriptive letterpress, by Sir William Jackson Hooker, . . . London (printed for Henry G. Bohn, . . .) [1838-] 1842. Qu. (*Gen. fil.*).
Publ.: 1838-1842, p. [i]-vi, *pl. 1-120*, hand-col. liths., with text, [1-8, syn., ind.]. *Copies*: BR, G, L, NY, MICH, US, USDA; IDC 5083. – In twelve parts, each probably consisting of 10 plates with accompanying letterpress. Plates *1-20* were published in 1838 (after 1 Mai, date of preface), *21-30* in 1830, *31-69*(?) in 1840 according to a note in the BM copy; *70-120* are of 1842 (or partly from 1841, Christensen, IF). Further information is wanting. – The

original water-colour drawings by Francis Bauer are at BM; they were redrawn for the *Genera filicum* by W. H. Fitch.
Ref.: Desmond, Med. biol. Ill. 19: 255-259. 1969 (on Fitch).

3008. *The London journal of botany*; containing figures and descriptions of such plants as recommend themselves by their novelty, rarity, history or uses; together with botanical notices and information, and occasional portraits and memoirs of eminent botanists; by Sir W. J. Hooker, . . . London (Hippolyte Baillière, . . .), Paris (J. B. Baillière, . . .), Leipzig (T. O. Weigel), [vol. 7: London (Reeve, Benham, and Reeve, . . .)] 1842-1848, 7 vols. Oct. (*Lond. J. Bot.*).
Publ.: Each volume consisted of 12 parts. Publication was monthly; contemporary reviews are numerous and contain on the whole no serious indication of any deviation from that schedule from vol. 3 onward. The months of publication were indicated on the original covers, but since we have seen no such copy, no further details can be given.

1: [i], [1]-678, *pl. 1-23*. 1842. (part 1: 1-57. 1 Jan, 2: 57-112. 1 Feb, 3: 113-168. 1 Mar, 4: 169-224. 1 Apr, 5: 225-280. 1 Mai 1842; copy with orig. covers at BOL).
2: [i-iii], [1]-184, 190-678, *pl. 1-5, 6/7, 8, 9/10, 11-12, 13/14, 15, 16* [col.], *17, 18/19, 20-23, 24* [as "*20*"]. 1843. (p. 541-556 misnumbered 441-456; p. 185-189 do not exist).
3: [i-iii], [1]-666, *pl. 1/2, 3-10, 11/12, 13-22, 23/24*. 1844.
4: [i-iii], [1]-666, *pl. 1-6, 7/8, 9-12, 13/14, 15, 16* ("*17*"), *17/18, 19-22, 23/24*. 1845.
5: frontisp., [i], [1]-666, *pl.1-6, 7/8, 9-18, 19/20, 21/22*, [*23/24* = frontisp.]. 1846.
6: [i], [1]-612, *pl. 1-12*, map [= *13/14*], *15-16, 17/18, 19-23, 24* ["*1*"]. 1847. – Page nos (not contents) 457-496 appear twice.
7: [i-ii], [1]-674, *pl. 1-19, 20/21, 22-23*. 1848.

Copies: L, MICH, MO, NY, U, US(3); IDC 396.
Plates: Uncoloured liths., mostly by W. Fitch.
Imprints: Vol. 7 was published by Reeve Benham, and Reeve; later copies were issued with a sticker on the original imprint reading "L. Reeve & Co., Ltd., Lloyds Bank Buildings, Bank Street, Ashford, Kent."
Facsimile ed.: announced by the trade.

3009. *Notes on the botany of the antarctic voyage*, conducted by Captain James Clark Ross, . . . in her majesty's discovery ships Erebus and Terror; with observations on the Tussac grass of the Falkland Islands. By Sir W. J. Hooker, . . . with two coloured plates. London (H. Baillière, . . .) Paris (J. B. Baillière) 1843. Oct. (*Notes bot. antarct. voy.*).
Publ.: Jun-Jul 1843, p. [i], [1]-83, *2 pl. Copy*: M. – Reprinted from W. J. Hooker, London J. Bot. 2: 247-329. 1843.

3010. *Species filicum*; being descriptions of the known ferns, particularly of such as exist in the author's herbarium, or are with sufficient accuracy described in works to which he has had access; accompanied with numerous figures . . . London (1-4: William Pamplin; 5: Dulau & Co.) [1844-] 1846-1864, 5 vols. Oct. (in fours). (*Sp. fil.*).

1: [i]-xv, [1]-245, [246, err.], *pl. 1-70* with text. (p. [iii]: 1 Jan 1846). 1846.
2: [i-iii], [1]-250, *pl. 71-140* id., 1858.
3: [i-v], [1]-291, *pl. 141-210* id., 1860.
4: [i, h.t.], [iii, t.p.], [v, cont.], errata slip, [1]-292, *pl. 211-280* id., 1862.
5: [i, t.p.], [iii, cont.], [1]-314, *pl. 281-304* id., 1864.

Copies: MO, NY, U, US, USDA; IDC 5209.
Plates: uncol. liths. by Walter Hood Fitch (1817-1892).

vol.	part	pages	*plates*	dates
1	1	[1]-64	*1-20*	Mar 1844
	2	65-128	*21-40*	Apr 1844
	3	129-192	*41-60*	Jan-Sep 1845
	4	193-245, [i]-xv	*61-70*	1 Jan 1846

vol.	part	pages	*plates*	dates
2	5	[1]-60	*71-90*	Mai 1851
	6	61-124	*91-110*	Nov 1852
	7-8	125-188, 189-250	*111-140*	Jan-Sep 1858
3	9	[1]-64	*141-170?*	Jan-Oct 1859
	10-12	65-291	*171?-210*	Nov 1859-Apr 1860
4	13	[1]-64	*211-230*	Jan-Mar 1862
	14	65-160	*231-249*	Aug 1862
	15-16	161-192	*250-280*	1863
5	17	[1]-96	*281-296*	Mai 1864
	18-20	96-314	*297-304*	Jun 1864 [Mai 1864?]

Facsimile ed.: Lehre (J. Cramer) 1970, Historiae naturalis classica 82, ISBN 3-7682-0690-4. *Copy*: FAS.
Ref.: Kunze, G., Bot. Zeit. 2(1844), 5(1847), extensive reviews.
E.F., Bull. Soc. bot. France 9: 135-136, 410. 1862, 9: 681. 1864, 10: 625-626. 1864.
Stafleu, F. A., Taxon 20: 361-365. 1971.

3011. *Description of Victoria regia*, or great water-lily of South America, (with four plates), by Sir W. J. Hooker, . . . London (Reeve, Brothers, . . .) 1847. Fol. (*Descr. Victoria regia*).
Publ.: 1847, p. [i-iv], [1]-8, *pl. 1-4* (col. liths.). *Copy*: MO.

3012. *Niger Flora*; or, an enumeration of the plants of western tropical Africa, collected by the late Dr. Theodore Vogel, botanist to the voyage of the expedition sent by Her Britannic Majesty to the River Niger in 1841, under the command of Capt. H. D. Trotter, R.N., & C. including Spicilegia gorgonea by P. B. Webb, Esq. and Flora Nigritana, by Dr. J. D. Hooker, R.N., F.R.S., and George Bentham, Esq. with a sketch of the life of Dr. Vogel. Edited by Sir W. J. Hooker, . . . with two views, a map and fifty plates. London (Hippolyte Baillière, . . .), Paris (J. B. Baillière, . . .), Madrid (Bailly Baillière, . . .) 1849. Oct. (*Niger Fl.*).
Collaborators: Henry Dundas Trotter (1802-1859); Philip Barker Webb (1793-1854); Joseph Dalton Hooker (1817-1911); George Bentham (1800-1884); Julius Rudolph Theodor Vogel (1812-1841); Friedrich Anton Wilhelm Miquel (1811-1871); John Miers (1789-1879).
Publ.: Nov-Dec 1849 (dedication dated 1 Nov 1849, Bentham's copy presented to him by W. J. Hooker [K] is enscribed 1849; announcement of publication J. Bot. Kew Gard. Misc. 1: 380-382. Dec 1849), p. [i-ii], front., [iii], [v, ded.], [vii]-xv, pref., [xvi, dir. binder], [1]-587, (pages [1]-21: Treviranus, memoir of Vogel, transl. by Berkeley). The *52* plates are lithographs of drawings by W. H. Fitch (bot.) and R. Monat; front., Nigerview, 43 leaves of plates numbered *1-50*, double plates *19/20*, *32/33*, *34/35*, *36/37*, *38/39*, *40/41*, *43/44*, *49/50*, map. *Copies*: MICH, MO, NY, U, US, USDA.
Facsimile ed.: Lehre (J. Cramer) 1966, Historiae naturalis classica 51, ISBN 3-7682-0359-x, with an introductory note by F. A. Stafleu. *Copy*: FAS.
Ref.: C., Bot. Zeit. 8: 260-261, 278-283, 305-307. 1850.
Murray, Hist. Coll. BMNH 144. 1904.
Stafleu, F. A., Wentia 16: 67. 1966.

3013. *Hooker's journal of botany and Kew garden miscellany*. Edited by Sir William Jackson Hooker, . . . London (Reeve, Benham, and Reeve, . . .) 1849-1857, 9 vols. Oct. (in fours). (*J. bot. Kew gard. misc.*).

1: frontisp. [*pl. 1*], [i], [1]-386, *pl. 2-12* (*1*, *4*, *6*, *7*, *11* col.). 1849.
2: [i], [1]-386, *pl. 1-12* (*1*, *2*, *4*, *8*, *9*, *12* col.), 1850.
3: [i], [1]-384, *pl. 1-12* (*8* col.). 1851.
4: [i], [1]-352, *pl. 1-12* (*1*, *2*, *8* col.). 1852.
5: [i], [1]-426, [i]-iv, *pl. 1-12*. 1853.
6: [i], [1]-386, *pl. 1-12* (*5*, *6* col.). 1854.
7: [i], [1]-386, *pl. 1-6*, *7/8*, *9-12*. 1855.
8: [i], [1]-386, *pl. 1-12*. 1856.
9: [i], [1]-386, *pl. 1-12*. 1857 (p. 353 as "53").

Copies: U, US(2), USDA; IDC 397.
Plates: Uncoloured, or coloured (indicated above) liths. mostly by W. H. Fitch (further details see NI 2347).
Publ.: In parts, 12 per volume. Several volumes with original dated covers, showing original contents, are at NY. This copy, and the notes by Henfrey in the Botanical Gazette (for which we are grateful to L. Garay) present the following breakdown. Other contemporary reviews and notes, not mentioned here, confirm these dates in general. The fascicles were numbered consecutively, but are here numbered by volume. Almost all fascicles contained 32 p. of text and came out in the month mentioned on the cover or shortly thereafter. For this reason we give only one table, applicable to all nine volumes:

pages	month	pages	month
1-32	Jan	193-224	Jul
33-64	Feb	225-256	Aug
65-96	Mar	257-288	Sep
97-128	Apr	289-320	Oct
129-160	Mai	321-352	Nov
161-192	Jun	353-386	Dec

Minor variations on this scheme include vol. 5 (416 p.) and vol. 4 (352 p., possibly only in 11 fascicles).
Imprints: all London, 1: Reeve, Benham and Reeve; 2-3: Reeve and Benham; 4: Reeve and Co.; 5-9: Lovell Reeve.

3014. *Victoria regia*; or, illustrations of the Royal water-lily, in a series of figures chiefly made from specimens flowering at Syon and at Kew, by Walter Fitch; with descriptions by Sir William Jackson Hooker, . . . London (Reeve and Benham) 1851. Fol. (*Victoria regia*).
Artist: Walter Hood Fitch (1817-1892).
Publ.: 13-19 Mar 1851 (Publ. Circ. 14, 1851, no. 1617). (8 Feb-8 Mar according to Bent's Lit. Adv. 1851: 60), p. [1]-20, *pl. 1-4*, [1, expl. pl.], the plates hand-col. lithographs. *Copies*: NY, USDA.

3015. *A century of orchidaceous plants* selected from Curtis's Botanical Magazine, consisting of a hundred of those most worthy of cultivation, systematically arranged, and illustrated with coloured figures and dissections chiefly executed by Mr. Fitch; the descriptions by Sir William Jackson Hooker, . . . accompanied by an introduction on the culture and general management of orchidaceous plants, and with copious remarks on the treatment of each species, by John Charles Lyons, . . . London (Reeve and Benham, . . .) 1851. Fol. (*Cent. orchid. pl.*).
Horticultural text by: John Charles Lyons (1792-1874).
Artist: Walter Hood Fitch (1817-1892).
Publ.: 1851, p. [1]-78, [1-2, ind.], *pl. 1-100* (taken from the *Botanical Magazine* and often still carrying the original engraved dates of publication). *Copies*: BR, NY. – For "*A second century of orchidaceous plants* . . ." see Bateman (TL-2/1: 344).

3016. *A century of ferns*; being figures with brief descriptions of one hundred new, or rare, or imperfectly known species of ferns, from various parts of the world; a selection from the author's "Icones plantarum," . . . London (William Pamplin, . . .) 1854. Oct. (*Cent. ferns*).
Publ.: *pl. 1-50*: 25 Jan 1854, *pl. 51-100*: 19 Mar 1854; p. [i]-vii, *pl. 1-38, 39/40, 41-70, 71/72, 73-100*, with text. *Copies*: MICH, MO, NY, U, US, USDA; IDC 5966. – The plates are hand-col. liths. by Walter Hood Fitch. (U copy: uncol. plates). – Separately titled issue of volume 10 of the *Icones plantarum*. The advertisement in Bent's Lit.-Adv. 1854: 34 (10 Feb) announces that the work is printed handsomely on "super-royal paper" and that coloured copies will not be ready before March. The above dates are the dates of publication of the two parts of the *Icones plantarum* vol. 10. It is possible that this reissue became available somewhat later.
Ref.: Schlechtendal D. F. L. von, Bot. Zeit. 13: 928. 1855.

3017. *Museum of economic botany*: or, a popular guide to the useful and remarkable vegetable

products of the museum of the Royal Gardens of Kew ... London (Longman, Brown, Green, and Longmans) 1855. Oct. (*Mus. econ. bot.*).
Publ.: 1855, frontisp., p. [1]-68, *figs. 1-60. Copies*: G, M.

3018. *Reports on the Paris Universal exhibition*; part iii. Presented to both Houses of Parliament by command of Her Majesty. London (Printed by George E. Eyre and William Spottiswoode, ...) 1856. Oct. (*Rep. Paris exhib.*).
Publ.: 1856, p. [i, iii], [1]-180. *Copy*: NY. – Contains W. J. Hooker, "*On vegetable products obtained without cultivation.*"

3019. *Filices exoticae*; or, coloured figures and descriptions of exotic ferns, chiefly of such as are cultivated in the Royal Gardens of Kew; by Sir William Jackson Hooker, ... the drawings executed by Mr. Fitch. London (Lovell Reeve) [1857-] 1859. Qu. (*Fil. exot.*).
Publ.: in twelve parts 1 Sep 1857-early Apr 1859, p. [i, iii, v], *pl. 1-100* with text, [1-2, index], err. slip text *pl. 1.*
Issue [*1*]: With 1857 t.p., title "*Filices exoticae*; ... ferns, particularly such as are most deserving of cultivation. By Sir William Jackson Hooker, ..." [no mention of Fitch] London (Lovell Reeve) 1857. Plates plain. *Copy*: B. – Differs from issue [2] only in t.p.
Issue [*2*]: as in heading, t.p. 1859, "the drawings executed by Mr. Fitch. Plates coloured." *Copies*: BR, G, MO, NY, U; IDC 7196.
Plates: lithographs by Walter Hood Fitch.
Dates: *pl. 1-32*: 1857; *pl. 33-88*: 1858; *pl. 89-100*: Jan-early Apr 1859.

3020. *A second century of ferns*; being figures with brief descriptions of one hundred new, or rare, or imperfectly known species of ferns; from various parts of the world ... London (William Pamplin, ...) [1860-] 1861. (*Sec. cent. ferns*).

Orig. ed.: *pl. 1-50*. 1860 (in 2 fasc.), p. [i]-xii, *pl. 1-100* (with text; hand-col. liths. by Walter Hood Fitch). *Copies*: G, MICH, MO, NY; IDC 7198.
Reissue: London (Dulau & Co., ...) 1864 (p. ix: Mai 1861; Flora ann. 29 Feb 1861), p. [i]-xii, *pl. 1-100* (id.). *Copies*: US, USDA. – *Plates*: *78* as "*86*", *80* as "*78*", *82* as "*80*", *86* as "*82*".
Note: for first century see no. 3016.

3021. *The British ferns*; or coloured figures and descriptions, with the needful analyses of the fructification and venation, of the ferns of Great Britain and Ireland, systematically arranged. By Sir William Jackson Hooker, ... The drawings by Walter Fitch, ... London (Lovell Reeve, ...) 1861. (*Brit. ferns*).
Publ.: 1861 (p. [x]: 1 Jan 1861), p. [i-xii], *pl. 1-66*, with text, [1]-vii, ind. *Copies*: BR, MICH, MO, US, USDA; IDC 7197. – *Plates*: coloured liths. by Walter Hood Fitch.

3022. *Garden ferns*; or, coloured figures and descriptions, with the needful analyses of the fructification and venation, of a selection of exotic ferns adapted for cultivation in the garden, hothouse, and conservatory. By Sir William Jackson Hooker, ... The drawings by Walter Fitch, ... London (Lovell Reeve & Co., ...) 1862. Oct. (size). (*Gard. ferns*).
Publ.: 1862, p. [i*, iii*], [1]-v, *pl. 1-64* with each 2 p. text. *Copies*: MICH, MO, NY; IDC 7199. – *Plates*: coloured liths. by Walter Hood Fitch. The text of each plate is dated.

3023. *Colonial floras* [Kew 1863]. Qu. (*Col. fl.*).
Publ.: 1863, p. [1]-3, *Copy*: K.

3024. *Synopsis filicum*; or, a synopsis of all known ferns, including the Osmundaceae, Schizaeaceae, Marattiaceae, and Ophioglossaceae (chiefly derived from the Kew herbarium). Accompanied by figures representing the essential characters of each genus. By the late Sir William Jackson Hooker, and John Gilbert Baker, ... London (Robert Hardwicke, ...) 1868. Oct. (in fours). (*Syn. fil.*).
Co-author: John Gilbert Baker (1834-1920).
Publ.: in ten parts 1865-1868 (p. [1]: Feb 1868; dates on p. 482), p. [i-iv], [1]-482, *pl. 1-9*, with text. *Copies*: B, G, L, MO, U, US, USDA; IDC 6457. – *Plates*: coloured liths. by Walter Hood Fitch. *Text*: p. 1-48 by Hooker, the remainder by Baker. – See also Anon., J. Bot. 6: 220-221. Jul 1868.

part	pages	date	part	pages	date
1	[1]-32	24 Jul 1865	6	209-256	8 Jul 1867
2	33-64	11 Dec 1866	7	257-304	4 Oct 1867
3	65-112	22 Jan 1867	8	305-352	8 Nov 1867
4	113-160	22 Jan 1867	9	353-402	29 Jan 1868
5	161-208	8 Jul 1867	10	403-482, t.p.	Apr 1868

Ed. 2: Oct 1874 (p. 559), imprint London (Robert Hardwicke, . . .) Oct. (in fours), p. [i]-xiv, 9-559, *pl. 1-9*. with text. *Copies*: BR, G, M(col.), MICH(col.), NY, U (col. pl.), US (col. pl.), USDA. – *Plates*, as in ed. 1, in some copies uncoloured. *Text*: Signature A, p. 1-8 of the first edition are replaced by a new set numbered i-xiv. The pages 9-448 (letterpress "stereotyped") are those of the original edition (not until 482 as stated on p. 559; this refers only to the first edition); p. 449-559 are again new, issued October 1874.
Alphabetical index of all known ferns: Oct 1874, London (Robert Hardwicke), a reprint of the index to ed. 2.
Reissue of ed. 2: 1883, London (W. H. Allen & Co.) Oct. (in fours), p. [i]-xiv, 9-559, *pl. 1-9* (id.). *Copies*: M (col.), US (col.).
French version: See Maron, Ch., *Les fougères*, Paris 1896.

Hoola van Nooten-van Dolder, Bertha (*fl.* 1863), Dutch botanical artist. (*Hoola van Nooten*).

HERBARIUM and TYPES: Some material was sent by "Mrs. Hoola van Nooten" to BO in 1872-1873.

BIBLIOGRAPHY and BIOGRAPHY: GF p. 60; Kew 3: 31; NI 931; SK 1: xxx, 241; Sotheby 363; Zander ed. 10, p. 672.
North, M., Recollections of a happy life 1: 260 (fide Sotheby 363).

3025. Ouvrage dédié à sa Majesté la reine de Hollande. *Fleurs, fruits et feuillages* choisis de la flore et de la pomone de l'île *de Java* peint d'aprês nature par Madame Berthe Hoola van Nooten . . . Bruxelles (Émile Tarlier, éditeur, . . .) 1863. Broadsheet. (*Fl. Java*).

Ed. 1: 1863-1864 (p. v: Jan 1863, preface dated Jul 1862), p. [i, iii-iv pref., v ded.], *40* chromolithographs by the author, lithographed by G. Severeyns; with 1 p. text each. *Copies*: U, USDA.
Ed. 2: 1880[?] reissue of 1863 edition with a front cover "deuxième edition," but t.p. and other contents identical with ed. 1: p. [i, iii ded., v-vi pref.], *39 pl.* (idem). *Copy*: M (only copy seen; *39* pl.).
Ed. 3: 1880 [?; p. vii: Mai 1880] (Nat. Nov. Feb 1881, Bot. Zeit. 25 Mar 1881). "Troisième edition publiée par Merzbach & Falk, éditeurs . . ." Bruxelles (Librairie europiènne C. Muquardt). Leipzig (id.) s.d., p. [i-x], *40* (MO, NY) or *41* (BR) plates, as above. *Copies*: BR, MO, NY.

Hooper, John (1802-1869), British born American algologist at Brooklyn, New York. (*Hooper*).

HERBARIUM and TYPES: Algae left to the Long Island Historical Society.
Ref.: Anon., Amer. ann. Cycl. 1869: 507. 1870.

BIBLIOGRAPHY and BIOGRAPHY: Appleton Cycl. Am. biogr. 3: 252; Barnhart 2: 200.

EPONYMY: *Hooperia* J. G. Agardh (1896).

3026. *Introduction to algology*; with a catalogue of American algae, or sea-weeds, according to the latest classification of prof. Harvey . . . Brooklyn (published by John Hooper) October 1, 1850. Qu. (*Intr. algol.*).
Publ.: 1 Oct 1850, p. [1]-34. *Copies*: NY, USDA. – Based on the classification of William Henry Harvey (1811-1866).

Hoopes, Josiah (1832-1904), American nurseryman; popular author on gardening; ornithologist; at West Chester, Pa. (*Hoopes*).

HERBARIUM and TYPES: DWC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 200; BM 2: 873; CSP 10: 268, 15: 932; Hortus 3: 1195; IH 2: 285; Langman p. 375; ME 1: 195; MW p. 193; Rehder 5: 405; Tucker 1: 351; Zander ed. 10, p. 672.
Ewan, J., Rocky mountain naturalists 234. 1950; Short hist. bot. U.S. 10. 1969.
Gordon, Bartonia 22: 8. 1943 (herb.).
Harsberger, J. W., Bot. Philadelphia 285-291. 1899.
Hedrick, U. P., Hist. hort. America 269. 1950.
Pennell, F. W., Bartonia 22: 14. 1943.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 478 [index]. 1963.
Stone, Auk 21: 311-312. 1904.

EPONYMY: *Hoopesia* S. B. Buckley (1861).

3027. *The book of evergreens.* A practical treatise on the Coniferae, or cone-bearing plants. By Josiah Hoopes, . . . illustrated. New York (Orange Judd & Company) s.d. [1868]. Duod. (*Book evergr.*).
Publ.: Jan-Aug 1868 (p. ii; Flora 30 Aug 1868), p. [i]-vi, 7-435, *fig. 1-65*. *Copy*: US.

Hope, Charles William Webley (1832-1904), British civil engineer and botanist; in India 1859-1896; collected in Kumaon, Simla and the Western Himalayas. (*C. Hope*).

HERBARIUM and TYPES: BM (mainly ferns); duplicates at BR, DBN, K, MANCH, P, RAW, US.
Ref.: Anon., J. Bot. 43: 39-40. 1905 (acquisition types ferns).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 201; BB p. 153; CSP 15: 933; Desmond p. 320; IF p. 706; IH 2: 285; Kew 3: 33; MW p. 193, suppl. p. 113; Tucker 1: 351.
Anon., Torreya 4(5): 77. 1904; J. Bot. 42: 127-128. 1904.

3028. *The ferns of north-western India,* including Afghanistan, the Trans-Indus protected states, and Kashmir, arranged and named on the basis of Hooker and Baker's Synopsis filicum, and other works, with new species added . . . with plates of illustrations. Published in Journal of the Bombay natural History Society, Bombay (printed at the "Times of India" press) [1899-] 1903. Oct. (*Ferns n.-w. India*).
Publ.: a consolidated series of reprints of papers published in the Journal of the Bombay natural History Society, with separate t.p. *Copy*: NY.

part	journal	pages	dates
1	12(2)	315-325	30 Mar 1899
2	(3)	527-538	7 Jul 1899
3	(4)	621-633	8 Nov 1899
	13(1)	25-36	15 Apr 1900
	(2)	236-251	29 Jul 1900
	(3)	443-461	20 Jan 1901
	(4)	657-671	18 Mai 1901
	14(1)	118-127	24 Jan 1902
	(2)	252-266	24 Mai 1902
	(3)	458-480	18 Oct 1902
	(4)	720-749	10 Feb 1903
	15(1)	78-111	10 Jun 1903
	(3)	415-429	15 Feb 1904

Hope, John (1725-1786), Scottish botanist; professor of botany and regius keeper at Edinburgh (1761); founder of the Edinburgh botanic garden. (*J. Hope*).

HERBARIUM and TYPES: Unknown. Letters at Kew and LINN. Manuscripts at Royal Society, London.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 201; BB p. 153-154; BM 2: 873; Bossert p. 182; Bret. p. 151; Dawson p. 423-425; Desmond p. 320; DNB 27: 321-322; Dryander 3: 240, 242, 275, 482; Henrey 2: 722 [index]; Kew 3: 33; KR p. 307; Lasègue p. 144; MW p. 193; SO 91, 92, 581, 2186, 2187, 2613.
Allen, J. Soc. Bibl. nat. Hist. 8(3): 319. 1977 (bot. documents).
Anon., J. Bot. 45: 454. 1907 (on H's note-books; see also Notes R.B.G. Edinburgh no. 18, Aug. 1907).
Berkeley, E. and D. S., Dr. Alexander Garden 376 [index]. 1969.
Burkill, I. H., Chapt. hist. bot. India 24, 27, 232. 1965.
Darlington, W., Memorials Bartram 286, 287, 432-435. 1849.
Dawson, W. R., Smith papers 54. 1934.
Duncan, Account of the late Dr. John Hope. Edinburgh 1789 (Harveyan oration) (n.v.).
Fagin, N. B., William Bartram 6. 1933.
Fletcher, H. R., R. Bot. Gard. Edinburgh 56-67. 1970 (portr.).
Fries, Th. M., Bref Skrifv. Linné 1(5): 137. 1911, 1(6): 201. 1912.
Oliver, F. W., Makers Brit. bot. 286-290. 1913.
Pulteney, R., Sketches 2: 17, 352. 1790.

EPONYMY: *Hopea* Garden ex Linnaeus (1767, *nom. rej.*); *Hopea* Roxburgh (1811, *nom. cons.*); *Hopeoides* Cretzoiu (1941); *Hopeoxylon* Navale (1963); *Parahopea* Heim (1892); *Protohopea* Miers (1879).

Hopkins, Lewis Sylvester (1872-1945), American botanist; high school teacher at Troy, Ohio, Manillon, Ohio, Pittsburgh, Pa., and Kent, Ohio. (*Hopk.*).

HERBARIUM and TYPES: Personal pteridophyte herbarium at OS (6.200; acquired 1944); further material at BR, NY.
Ref.: Stuckey and Wentz, Ohio J. Sci. 74(1): 23. 1974.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 201; Hortus 3: 1195 ("L.S. Hopk."); IH 2: 285.

EPONYMY: *Hopkinsia* W. V. Fitzgerald (1904) is dedicated to J. W. Hopkins, Australian politician and promotor of agricultural science.

3029. *The ferns of Allegheny County, Pennsylvania*, their haunts and habits and something of their folklore . . . Pittsburgh, Pennsylvania (Botanical Society of Western Pennsylvania) 1914. Oct. (size). (*Ferns Allegheny Co.*).
Publ.: Aug 1914 (t.p.), frontisp., p. [1]-129. *Copy*: US. – Publication iii, Botanical Society of Western Pennsylvania.
Ref.: R.C.B., Amer. Fern J. 5(2): 54-58. 27 Mai 1915.

Hopkirk, Thomas (1785-1841), Scottish botanist at Glasgow. (*Hopkirk*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 201; BB p. 154; BL 2: 306, 669; BM 2: 874; Bossert p. 182; Desmond p. 321; DNB 27: 341; Jackson p. 561 [index]; Kew 3: 34; Plesch p. 268; PR 4246-4247 (ed. 1: 4673-4674); Rehder 5: 405; Sotheby 364; Tucker 1: 351.
Fletcher, H. R., R. Bot. Gard. Edinburgh 96, 103. 1970.
Turner, Proc. Trans. nat. Hist. Soc. Glasgow n.s. 1(1): 196-259. 1885 (portr.).

EPONYMY: *Hopkirkia* K. P. J. Sprengel (1819); *Hopkirkia* A. P. de Candolle (1836).

3030. *Flora glottiana.* A catalogue of the indigenous plants on the banks of the river Clyde, and in the neighbourhood of the city of Glasgow . . . Glasgow (published by John Smith & Son), London (Longman, Hurst, Rees, Orme, & Brown), Edinburgh (Archibald Constable & Co.) 1813. Oct. (in fours). (*Fl. glott.*).

Publ.: 1813 (p. iv: 6 Sep 1813), p. [i*], [i]-iv, [1-2, err.], [5]-170. *Copies*: G, MICH, NY.

3031. *Flora anomala.* A general view of the anomalies in the vegetable kingdom, . . . Glasgow (published by John Smith & Son), Edinburgh (Archibald Constable & Co.), London (Longman & Co.) 1817. Oct. (in fours). (*Fl. anom.*).
Publ.: 1817 (p. [3]: Dec 1816), p. [i], [1]-198, *pl. 1, 3-11* (uncol. copp. by author) and *pl. 2*[*a*], *b, c, d, e, f, g, h, i, k, l, m, n* (nature prints of leaves). *Copies*: G (with a plain and a coloured copy of *pl. 4*), MO, NY, USDA.
Ref.: Collins. The Library 1967: 355-356.

Hoppe, David Heinrich (1760-1846), German botanist, physician and pharmacist, for many years (1802-1807, 1818-1842) the driving force behind *Flora*, high school teacher and director of the botanic garden at Regensburg (founded 1790). (*Hoppe*).

HERBARIUM and TYPES: Hoppe's original herbarium is traditionally said to be [partly] in BP (see e.g. Killermann (1940)), but it is perhaps mainly in GZU ("allgemeines Herbar", bought 1919 by K. Fritsch); further parts are in M and PR. The M part was acquired in 1830. Bryophytes known from BM, GOET, H, L, NY, OXF, W. Authentic material is also found in Hoppe's series of exsiccatae (see Fürnrohr 1849, p. 205-227):
Herbarium vivum plantarum selectarum (Regensburg, 3 cent. 1790-1797).
Herbarium vivum plantarum rariorum praesertim alpinarum exhibens (Regensburg 1798-1803, see DTS 1: 124).
Herbarium vivum plantarum graminearum (2 cent., 1820, 1830).
Hortus botanicus ratisbonensis (3 fascicles, 1807-1809).
Fungi epiphylli (2 decades, 1809-1810) (at B, extant).
Agrostologia hoppeana (Regensburg 1813, 40 nos.).
Plantae cryptogamae selectae (with Hornschuch) see below.
Plantae phanerogamae selectae (with Hornschuch) see DTS 6(4), 155, and SY p. 54, 56.
Ref.: Anon., Bot. Not. 1853: 44-48, 73-77 (on his exsicc.); Flora 50: 271-272, 1867, 51: 240. 1868, 52: 126. 1869, 55: 96. 1872; Bull. Soc. bot. France 14(bibl.): 144, 189-190. 1867; 15(bibl.): 48. 1868; Bot. Zeit. 26: 624. 1868 (on sale herb.), 51(2): 188. 1893; 22. Progr. Gymn. Salzburg 1872: 25-52, 65. (see also J. Bot. 11: 32. 1873) (part of herb. to Salzburg, Gymnasium).

BIBLIOGRAPHY and BIOGRAPHY: ADB 13: 113-114; AG 2(1): 241, 5(2): 417; Barnhart 2: 202; BM 2: 874; Bossert p. 182; Clokie p. 186; CSP 3: 430-431; 7: 1013-1014, 12: 347; Dryander 2: 231, 3: 92, 154, 395; DTS 1: 124-127, 339, 6(4): 7, 8, 155, 212; Frank 3(Anh.): 46; GR p. 91, *pl.* [*18*]; Hortus 3: 1195 ("Hoppe"); IF p. 706; IH 2: 285; Jackson p. 295. 310, 478; Kew 3: 34; Lasègue p. 326, 403, 503; LS 12632-12640; Maiwald p. 278; MD p. 163; NI 932-933; PR 4248-4253, 10735, 10871 (ed. 1: 4675-4681); Rehder 5: 405; Saccardo 1: 90; SBC p. 122 ("Hoppe"); SO 289, 736, 737, add. 750a; TL-2/1915; Tucker 1: 351-352; Urban-Berl. p. 303, 358, 414; Zander ed. 10, p. 672.
Anon., Bot. Zeit. 4: 623. 1846; Flora 29: 449. 1846.
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Fürnrohr, A. E., D. H. Hoppe's Selbstbiographie. Nach seinem Tode ergänzt und herausgegeben von Dr. A. E. Fürnrohr. Regensburg 1849, viii, 1-352. (Bot. Taschenbuch auf das Jahr 1849) (bibl., portr.).
G. P., Bot. Zeit. 4: 701-702. 1846.
Hausmann, F., Flora von Tirol 3: 1180-1181. 1854.
Hoppe, D. H., Enumeratio insectorum elytratorum. Erlangen 1795 (Hoppe's dissertation. Copy: MICH).
Killermann, S., Denkschr. Regensb. bot. Ges. 21: iii, vii, xvi, *pl. A.* 1940 (portr.).
Leussink, J. A., Taxon 27: 50. 1978 (portr.).
Lindemann, Bull. Soc. Natural. Moscou 59(1): 305. 1884.
Martius, C. F. P. von and Fürnrohr, A. E., Dr. David Heinrich Hoppe's Jubelfeier. Ein Andenken an seine Freunde. Regensburg 1845, 32 p. (portr.).
Müllerott, M., Neue deutsche Biogr. 9: 616-617. 1972 (bibl., many orig. details).
O., Dict. Sci. méd. 5: 286-288. 1822 (bibl.).

Pritzel, G. A., Linnaea 19: 455. 1847.
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Schmid, G., Chamisso als Naturforscher 136. 1942.
Wittrock, V. B., Acta Horti Berg. 3(2): 130. 1903.

COMPOSITE WORKS: Contributed to J. Sturm, *Deutschlands Flora*:
(1) *Cryptogamie*, Abth. 2, Hefte 3, 4, 6-8. 1709-1805.
(2) *Cyperaceae* et *Juncaceae*, 1, Hefte 9, 10, 13, 28, 36-40, 44, 52, 71, 77, 78, 85, 86. 1801-1842.
(3) *Die Wicken Deutschlands* [*Vicia*], Abth. 1, Hefte 31, 32. 1811.
(4) *Caricologia germanica* (see no. 3038), Abth. 1, Hefte 47, 50, 53, 55, 57, 61, 69 (text reprint of 1826 ed.).
(5) *Die Kleearten Deutschlands* [*Trifolium*], Abth. 1, Hefte 15, 16. 1804.

EPONYMY (genera): *Hoppea* Willdenow (1801); *Hoppea* H. G. L. Reichenbach (1824); *Hoppia* C. G. D. Nees (1842); (journal): *Hoppea*. Denkschriften der Regensburgischen Botanischen Gesellschaft. Regensburg. Vol. 29-x. 1971-x.

3032. *Ectypa plantarum ratisbonensium*, oder Abdrücke derjenigen Pflanzen, welche um Regensburg wild wachsen. Dem Hochwohlgebohrnen Herrn Friedrich Wilhelm von Leysser, . . . zum Beweise seiner Hochachtung und Ergebenheit unterthänigst gewidmet von David Heinrich Hoppe. Erstes [-Achtes] Hundert. Verfertigt und verlegt von Johann Mayr, Schriftstecher und Kupferdrucker in Regensburg, und gedruckt mit Zeitlerischen Schriften 1787 [-1793]. Fol. (*Ectypa pl. Ratisb.*).
Erstes Hundert: 1787 (p. (2): 1 Oct 1787), p. [1]-8, *pl. 1-100.*
Zweytes Hundert: 1788, (p. (2): 15 Mar 1788), p. [1]-8, *pl. 101-200.*
Drittes Hundert: 1788, p. [1]-8, *pl. 201-300.*
Viertes Hundert: 1789, p. [1]-8, *pl. 301-400.*
Fünftes Hundert: 1789, p. [1]-8, *pl. 401-500.*
Sechtes Hundert: 1790, p. [1]-8, *pl. 501-600.*
Siebentes Hundert: 1791, p. [1]-8, *pl. 601-700.*
Achtes Hundert: 1793, p. [1]-8, *pl. 701-800.*
Copies: HH (2 complete copies); M (7,8), NY (1-8), Regensburg (1-4). *Plates*: Black nature prints. "Sie sind ideal und allen andern weit überlegen" (Fischer no. 12.)

3033. *Botanisches Taschenbuch* für die Anfänger dieser Wissenschaft und der Apothekerkunst auf das Jahr 1790. Regensburg (bey Montags Erben) [s.d.]. 1790. Oct. (*Bot. Taschenb.*).

1790: Jan-Apr 1790, p. [i-xvi], [1-25, fl. calend.], [1]-182, *pl. 1-3* (nature prints). (See Hoppe in Fürnrohr 1849, p. 96).
1791: Feb-Mai 1791, p. [i-viii], [1-22, fl. calend.], [1]-208, *pl. 1-2* (id.). — Regensburg (in der Montagischen Buchhandlung).
1792: Feb-Mar 1792, p. [i-viii], [1]-248. — Regensburg (in der Montag- und Weissischen Buchhandlung).
1793: Feb-Mai 1793, p. [i-iv], [1]-260. — Regensburg (id.).
1794: Feb-Mai 1794, p. [i-iv], [1]-258, [1, err.]. — Regensburg (id.).
1795: Feb-Mai 1795, p. [i-iv], [1]-268. — Regensburg (id.).
1796: Feb-Mai 1796, p. [i-iv], [1]-252. — Regensburg (id.).
1797: Feb-Mai 1797, p. [i-iv], [1]-252. — Regensburg (id.).
1798: Feb-Mai 1798, p. [i-iv], [1]-236. — Regensburg (id.).
1799: Feb-Mai 1799, p. [i-iv], [1]-252. — Regensburg (id.).
1800: Apr-Mai 1800, p. [i-iv], [1]-252. — Regensburg (id.).
1801: Feb-Mai 1801, p. [i-iv], [1]-252. — Regensburg (id.).
1802: Feb-Mai 1802, p. [i-iv], [1]-252. — Regensburg (id.).
1803: Feb-Mai 1803, p. [i-iv], [1]-252. Regensburg (id.).
1804: Mai-Jul 1804, p. [i-iv], [1]-252. — Regensburg (id.).
1805 [until 1811 title:] *Neues botanisches Taschenbuch* für die Anfänger dieser Wissenschaft und der Apothekerkunst auf das Jahr 1805. . . Nürnberg und Altdorf (J. E. Monath und J. F. Kussler) 1805. Oct., p. [i-iv], [1]-266. *Publ.*: Apr-Mai 1805.
1806: Apr-Mai 1806, p. [i-vi], 1-251, [252, err.]. — Nürnberg und Altdorf (id.). For Beilage ("Systematisches Verzeichniss. . .") see Duval, J. (in appendix to TL-2).

1807: Apr-Mai 1807, p. [i-iv], 1-252. *Copies:* —Nürnberg und Altdorf (id.).
1808: Apr-Mai 1808, p. [i-iv], 1-251, [252, err.]. — Nürnberg und Altdorf (id.).
1809: Apr-Mai 1809, p. [i]-iv, [1]-243, [244, err.]. — Nürnberg und Altdorf (id.).
1810: Apr-Mai 1810, p. [1-viii], [1]-232, 1 chart. — Regensburg (gedruckt bey Joh. Bapt. Rotermundt, . . .).
1811: Mai-Jun 1811, p. [i-viii], [1]-236. — Regensburg (id.) "Zwey und zwanzigster Jahrgang".
1849: Apr-Mai 1849, portr., p. [i]-viii, [1]-352. — "Dreiundzwanzigster Jahrgang. Hoppe's Biographie und ein Register über die früheren Jahrgänge enthaltend. Mit einem Stahlstiche". Regensburg (Verlag von G. J. Manz). Second t.p.: "D. H. Hoppe's Selbstbiographie. . .". Edited by A. E. Fürnrohr. *Register* on p. [326]-352.

Copies: of nos for 1790-1811: MO, USDA, for 1849: G, USDA — The "*Botanische(s) Taschenbuch*" and the "*Botanische Zeitung*" (no. 3034) are the immediate forerunners of *Flora* oder [allgemeine] Botanische Zeitung (no. 3035).
Ref.: Fischer no. 13; ST p. 63; SY p. 10, 12, 19, 24, 28, 33, 40.
Junk, Rara 37. 1900-1913.
Merxmüller, Ber. bayer. Bot. Ges. 31: 129. 1956.
Stafleu, Taxon 12: 63. 1963.

3034. *Botanische Zeitung* welche Recensionen, Abhandlungen, Aufsaetze, Neuigkeiten und Nachrichten, die Botanik betreffend, enthaelt. Herausgegeben von der Botanischen Gesellschaft in Regensburg . . . Regensburg 1802-1807, 6 vols. Oct. (*Bot. Zeit.*).
Alternative t.p.'s [iii]: "*Allgemeine botanische Bibliothek* des neunzehnten jahrhunderts, welche
1: [i, iii], 1-384, [1-40, ind.], *1 pl.*, issues dated 8 Jan 1802 – 30 Dec 1802, nos. 1-25, no. 25: index, *1 pl.*
2: [i, iii], [1]-384 (incl. ind.), *1 pl.*, issues dated 17 Jan 1803 – 30 Dec 1803, nos. 1-24.
3: [i, iii], [1]-380, *1 pl.*, chart, issues dated 13 Jan 1804 – 31 Dec 1804, nos. 1-24.
4: [i, iii], [1]-380, *1 pl.*, issues dated 15 Jan 1805 – 31 Dec 1805, nos. 1-24.
5: [i-iii], [1]-384, issues dated 17 Jan 1806 – 31 Dec 1806, nos. 1-24.
6: [i-iii], [1]-383, *1 pl.*, issues dated 17 Jan 1807 – 31 Dec 1807, nos. 1-24.

Copies: MO (1-3), NY, USDA; IDC 7147.
Note: Discontinued because of the war ("Napoleonic pause"). Resumed 1817 as "*Flora* oder allgemeine botanische Zeitung."
Alternative t.p.'s [iii]: "*Allgemeine botanische Bibliothek* des neunzehnten Jahrhunderts, welche Recensionen, Abhandlungen, Aufsaetze, Neuigkeiten, und Nachrichten, die Botanik betreffend, enthaelt. Herausgegeben von der Botanische Gesellschaft in Regensburg. Erlangen, bei Johann Jacob Palm." 1802-1807.

3035.*) *Flora oder Botanische Zeitung* welche Recensionen, Abhandlungen, Aufsätze, Neuigkeiten und Nachrichten, die Botanik betreffend, enthält. Herausgegeben von der königl. botanischen Gesellschaft in Regensburg. Regensburg 1818-1842, 25 vols. Oct. (*Flora*).
Publ.: Continuation of *Botanische Zeitung* (see 3034) (Flora 1: 1-10). The present analysis deals with the period of Hoppe's editorship, i.e. 1818-1842. Until 1834 no editor was mentioned on the t.p. From 1827-1830 Hoppe was assisted by Franz Gerhard Eschweiler (1796-1831) (Fürnrohr 1838, p. 132, 136; Singer; Neumayr). In 1830 August Emanuel Fürnrohr (1804-1861) became Hoppe's co-editor (Fürnrohr 1838, p. 136; Singer; Neumayr).
Dates: Margadant (MD p. 110) supposes that the four weekly parts were actually published in monthly instalments, at least from 1827 onward. Internal evidence, however, demonstrates abundantly that, starting with Vol. 2, publication was indeed weekly. Subscription with delivery at longer intervals was also possible. (See Flora 2: 15, 740; 3: 762; 4: 760; 6: 760; 8: 126; 10: 576; 10(1) Beil.: 32; 11(1) Beil.: 7-8; 13: 392; 13(2) Extr. Beil.: [1], [4]; 15: 112; 16: 32, 768; 20: 768; 22: 592; 24: 748. See also Fürnrohr 1838, p. 125, 137, 148.). The incidental occurrence in a certain *Nro.* of errata for the preceding *Nro.* may also be considered evidence for weekly publication (Flora 18: 624, 704).

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*) Contributed by J. A. Leussink

On the other hand, it is evident that the strictly regular scheme of publishing the *Nrs.* on the 7, 14, 21 and 28 of each month (with the exception only of Vols. 1 and 14, and of a very few *Nrs.* of Vols. 2 and 5, see the analysis below) can not have been followed, if only because those dates will often have fallen on Sundays or public holidays. The *Flora* archives are no longer extant (pers. communication of M. Müllerott to F. A. Stafleu) and a further investigation of the actual publication dates seems therefore to be impossible. The dates on the weekly parts must be accepted, unless proof to the contrary is found. Dates in the text are always earlier than the date of the *Nro.* in which they occur. The only exceptions to this rule are that editorial or administrative notes often bear the same date as the *Nro.* in which they occur. In the analysis given below the dates of the appendices are deduced from internal evidence, i.e. mostly from dates in the text. Since the numbering of the appendices, as well as their signature-numbers, are consecutive, appendices without dates in their text, were dated by intercalation. More information about the dates of some appendices is needed, especially as regards the possibility that they were published in several instalments. From Vol. 16 onwards the precise dates of most appendices can be found in a note given in *Flora* itself.

Title-variants:
1, 2(2), 3(1), 4(2)-7(2) as in heading.
2(1): "*Flora* . . . königl. botan. Gesellschaft . . ."
3(2), 4(1): "*Flora* . . . der königl. botanischen . . ."
8(1): "*Flora* . . . königl. baier. botanischen . . ."
8(2)-10(2): "*Flora* . . . königl. bayer. botanischen . . ."
11(1)-13(1): "*Flora* oder Botanische Zeitung. Herausgegeben von der königl. bayer. botanischen Gesellschaft in Regensburg."
13(2): "*Flora* oder Botanische Zeitung. Unter Mitwirkung ihrer geehrten Mitglieder der Herren Herren [follow 24 names of collaborators] herausgegeben von der königl. bayer. botanischen Gesellschaft zu Regensburg."
14(1)-16(2): "*Flora* oder allgemeine botanische Zeitung. Unter besonderer Mitwirkung der Herren Herren [follow names of collaborators, number different in each *Band*] herausgegeben . . ."
17(1)-19(2): "*Flora* . . . Herren [names] und in Auftrage der königl. bayer. botanischen Gesellschaft zu Regensburg herausgegeben von Dr. David Heinrich Hoppe, [follow H's capacities and honorary titles] und Dr. August Emanuel Fürnrohr, [follow F's capacities and honorary titles]."
20(1)-25(2): "*Flora* . . . der Königl. bayer. . . ."
Index: J. K. Hasskarl, *Allgemeines Sach- und Namen-Register . . . Flora . . . 1818-1842*, see above nr. 2467 (with an introduction and a bibliographical analysis by A. E. Fürnrohr).
Copies: Teyler (nearly complete, a very few gaps indicated in analysis below), U; IDC 86. – For a more extensive discussion of the history of Flora, more especially of the dating problem, and for an analysis of Vols. 26-71. 1842-1888, see Leussink (in press).

1. *Erster Jahrgang*: Jan-Dec 1818, p. [i, t.p.], [iii, dedic.], [1]-640, *pl.* [*I*] (copp.); —*Nrs.* 1-36, dated 10, 20, 31 Jan; 10, 18, 28 Feb; 10, 20, 30 Mar – 10, 20, 30 Dec.
   APPENDIX: *Beylage zu Nro. 35. der Flora*, p. [609]-628, 20 Dec 1818 (date of *Nro.* 35).
2. *Zweiter Jahrgang*: Jan-Dec 1819.
   2(1). *Erster Band*: p. [i, t.p.], [iii, dedic.], [1]-380, *pl.* [*I*] (col. copp.); —*Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun (but: 30 Apr, 30 Mai).
      APPENDICES: *Beilage zur Flora oder Botanischen Zeitung*, p. [1]-29, 7 Jan-Jun 1819 (Flora 2: 60; Fürnrohr 1851, p. X).
      Extra Beilage, i.e. H. G. L. Reichenbach, *Übersicht der Gattung Aconitum*, 84 p., 28 Mar 1819 (Flora 2: 192). *Note*: Although announced as such, this is not a true appendix, but an independent publication, sold at reduced price to subscribers (Flora 2: 122, 192, 681, 44: 764. 1861; Fürnrohr 1851, p. X) (see under Reichenbach).
   2(2). *Zweiter Band*: p. [v, t.p.], [vii, dedic.], [381]-427, 428 (as "430"), [429]-588, [589], 588bis, 589bis, 590-758 (in all 760 p.), *pl.* [*I*] (col. copp.); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec (but: 22 Oct).
3. *Dritter Jahrgang*: Jan-Dec 1820.
   3(1). *Erster Band*: p. [i, t.p.], [iii, dedic.], [1]-380, *pl. I-II* (copp., on one sheet); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun.

APPENDICES: *Erste Beilage zur Flora . . . 1820. Erster Band*, p. [1]-32, Feb-Mar 1820 (Flora 3: 58).

Zweite Beilage zur Flora . . . 1820 (*Band* not indicated in title), p. [33]-48, Mar-Jun 1820 (p. 42: Mar).

3(2). *Zweiter Band*: p. [v, t.p.], [vii, dedic.], [381]- 451, 454-762 (in all 760 p.), *pl.* [*I*]-*II* (copp.); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec.

APPENDICES: *Erste Beilage zur Flora . . . 1820. Zweiter Band*, p. [1]-16, Jul-Dec 1820.

Zweite Beilage zur Flora . . . 1820. Zweiter Band, p. [17]-32, Jul-Dec 1820.

Dritte Beilage zur Flora . . . 1820. Zweiter Band, p. [33]-40, 28 Dec 1820, or later (p. [33]-40: cont. 3(2)).

4. *Vierter Jahrgang*: Jan-Dec 1821.

4(1). *Erster Band*: p. [i, t.p.], [iii, dedic.], [1]-380, *pl. I* (partly col. copp.); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun.

APPENDICES: *Erste Beilage zur Flora . . . 1821. Erster Band*, p. [1]-32, 1821 (prim.) (Flora 3: 762. 28 Dec 1820: ". . . bereits unter der Presse.").

Zweite Beilage zur Flora . . . 1821. Erster Band, p. [33]-64, Jan-Jun 1821.

Dritte Beilage zur Flora . . . 1821. Erster Band, p. [65]-83, 28 Jun 1821, or later (p. 73-83: cont. 4(1)).

4(2). *Zweiter Band*: p. [v, t.p.], [vii, dedic.], [381]-489, 490 (as "904"), 491-501, 502 (as "302"), 503-716, [717], 718-732 (as "618"-"632"), [733]-747, 748 (as "548"), [749]-764, *pl.* [*I*] (copp.); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec.

APPENDICES: *Erste Beilage zur Flora . . . 1821. Zweyter* [*sic*] *Band*, p. [1]-48, Jul-Aug 1821.

Zweite Beilage zur Flora . . . 1821. Zweyter [*sic*] *Band*, p. [49]-64, 1821 (post 18 Aug) (p. 59).

Dritte [*sic*] *Beilage zur Flora . . . 1821. Zweyter* [*sic*] *Band*, p. [65]-80, 1821 (post 9 Oct) (p. 75).

Vierte Beilage zur Flora . . . 1821. Zweyter [*sic*] *Band*, p. [81]-92, 28 Dec 1821, or later (p. 85-92: cont. 4(2)).

5. *Fünfter Jahrgang*: Jan-Dec 1822.

5(1). *Erster Band*: p. [i, t.p.], [iii, dedic.], [1]-79, 80 (as "60"), [81]-384, *pl. I-III* (copp., Teyler: *I*, *III* partly col.); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun.

APPENDICES: *Erste Beilage zur Flora . . . 1822. Erster Band*, p. [1]-56, Jan-14 Feb 1822 (Flora 4: 760, 5: 96).

Zweite Beilage zur Flora . . . 1822. Erster Band, p. [57]-104, probably published in at least two parts: p. [57]-72, 14-28 Feb 1822 (Flora 5: 121); p. 73-104, Mar-Jun 1822.

Dritte Beilage zur Flora . . . 1822. Erster Band, p. [105]-116, 28 Jun 1822, or later (p. 109-116: cont. 5(1)).

5(2). *Zweiter Band*: p. [v, t.p.], [vii, dedic.], [385]-734, 735 (as "135"), 736-768, *pl. I-II* (copp.); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec (but: 8 Oct).

APPENDICES: *Erste Beilage zur Flora . . . 1822. Zweiter Band*, p. [1]-16, Jul-Nov 1822.

Zweite Beilage zur Flora . . . 1822. Zweiter Band, p. [17]-32, Jul-Nov 1822.

Dritte Beilage zur Flora . . . 1822. Zweiter Band, p. [33]-48, Jul-Nov 1822 (p. 43, 45: Nov).

Vierte Beilage zur Flora . . . 1822. Zweiter Band, p. [49]-64, Nov-Dec 1822.

Fünfte Beilage zur Flora . . . 1822. Zweiter Band, p. [65]-80, Nov. Dec 1822.

Sechste Beilage zur Flora . . . 1822. Zweiter Band, p. [81]-92, 28 Dec 1822, or later (p. 84-92: cont. 5(2)).

Note: The *Sylloge Plantarum Novarum . . . a Societate Regia Botanica Ratisbonensi edita.* Ratisbonae [Regensburg]. Vol. 1-2. [1822] 1824-1828, was published together with *Flora*, Vol. 5-11. Although designated as a "besondere Beilage", it was meant to be bound separately and it must be considered to be an independent publication (Flora 4: 760, 5: 64). It is not treated as an appendix here. See nr. 3053.

6. *Sechster Jahrgang:* Jan- Dec 1823.

6(1). *Erster Band:* p. [i, t.p.], [iii, dedic.], [1]-233, 234 (as "334"), 235-384; – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan-7, 14, 21, 28 Jun.

APPENDICES: *Erste Beilage zue Flora . . . 1823. Erster Band*, p. [1]-16, Jan (sero)-14 Feb 1823 (p. 4: Jan; Flora 6: 96).

Zweite beilage zur Flora . . . 1823. Erster Band, p. [17]-48, Feb-Mar 1823 (p. 47, 48: Jan).

Vierte [sic] Beilage zur Flora . . . 1823. Erster Band, p. [49]-64, Feb-Mar 1823. *Note:* The second gathering of *Beil. 2*, i.e. p. 33-48, apparently counts as third appendix (cf. p. 33: Signature 3).

Fünfte Beilage zur Flora . . . 1823. Erster Band, p. [65]-80, Mar (sero)-Jun 1823 (p. 72: 10 Mar).

Sechste Beilage zur Flora . . . 1823. Erster Band, p. [81]-96, 28 Jun 1823, or later (p. 85-96: cont. 6(1)).

6(2). *Zweiter Band:* p. [v, t.p.], [vii, dedic.], [385]-768, *pl. I* (copp.; lacking in Teyler); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec.

APPENDICES: *Erste Beilage zur Flora . . . 1823. Zweiter Band*, p. [1]-32, Jul-Nov 1823.

Zweite beilage zur Flora . . . 1823. Zweiter Band, p. [33]-64, Jul-Nov 1823.

Dritte Beilage zur Flora . . . 1823. Zweiter Band, p. [65]-112, probably published in at least two parts: p. [65]-96, Jul-Nov 1823;
p. 97-112, Nov-Dec 1823 (p. 112: Nov; Flora 6: 704).

Vierte Beilage zur Flora . . . 1823. Zweiter Band, p. [113]-139, 140 (as "118"), 28 Dec. 1823, or later (p. 131-140: cont. 6(2)).

7. *Siebenter Jahrgang:* Jan-Dec 1824.

7(1). *Erster Band:* p. [i, t.p.], [iii, dedic.], [1]-384, *pl. I-II* (copp., Teyler: partly col.); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan - 7, 14, 21, 28 Jun.

APPENDICES: *Erste Beilage zur Flora . . . 1824. Erster Band*, p. [1]-96, Jan-Mar 1824 (p. 81: Jan; p. 96: 1 Jan).

Zweite Beilage zur Flora . . . 1824. Erster Band, p. [97]-112, Jan-Mar 1824 (p. 104: Jan; Flora 7: 208).

Dritte Beilage zur Flora . . . 1824. Erster Band, p. [113]-128, Apr-Mai 1824 (p. [113]: 20 Mar).

Vierte Beilage zur Flora . . . 1824. Erster Band, p. [129]-144, Mai-Jun 1824 (p. 142: 25 Apr).

Fünfte Beilage zur Flora . . . 1824. Erster Band, p. [145]-156, 28 Jun 1824, or later (p. 146-156: cont. 7(1)).

7(2). *Zweiter Band:* p. [v, t.p.], [vii, dedic.], [385]-768, *pl. I* (copp.); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul - 7, 14, 21, 28 Dec.

APPENDICES: *Erste Beilage zur Flora . . . 1824. Zweiter Band*, p. [1]-64, Jul-Dec 1824.

Zweite Beilage zur Flora . . . 1824. Zweiter Band, p. [65]-144, Jul-Dec 1824 (Flora 7: 768).

Dritte Beilage zur Flora . . . 1824. Zweiter Band, p. [145]-156, 28 Dec 1824, or later (p. 148-156: cont. 7(2)).

8. *Achter Jahrgang:* Jan-Dec 1825.

8(1). *Erster Band:* p. [i, t.p.], [iii, dedic.], [1]-384, ad p. 247 fold-out (table), *pl. I* (copp.); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan - 7, 14, 21, 28 Jun.

APPENDICES: *Erste Beilage zur Flora . . . 1825. Erster Band*, p. [1]-64, 1825 (ante 21 Mar) (Flora 8: 170).

Zweite Beilage zur Flora . . . 1825.Erster Band, p. [65]-96, Mar-Apr 1825.

Dritte Beilage zur Flora . . . 1825. Erster Band, p. [97]-112, Mar-Apr 1825.

Vierte Beilage zur Flora . . . 1825. Erster Band, p. [113]-144, 1825 (ante 7 Mai) (Flora 8: 266).

Fünfte Beilage zur Flora . . . 1825. Erster Band, p. [145]-156, 28 Jun 1825, or later (p. 148-156: cont. 8(1)).

8(2). *Zweiter Band:* p. [v, t.p.], [vii, dedic.], [385]-645, 646-647 (as "666-667"), 648 (as "686"), 649-656 (as "669"-"676"), [657]-768, ad p. 649 and 650 fold-outs (tables) (identified with incorrect page numbers), *pl.* [*I*] (copp.; lacking in Teyler); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul - 7, 14, 21, 28 Dec.

APPENDICES: *Erste Beilage zur Flora . . . 1825. Zweiter Band*, p. [1]-16, Jul-Oct 1825 (Flora 8(2) Beil.: 29).

Zweite Beilage zur Flora . . . 1825. Zweiter Band, p. [17]-32, 1825 (post 20 Oct) (p. [17]).

Dritte Beilage zur Flora . . . 1825. Zweiter Band, p. [33]-48, 1825 (ante 14 Dec) (Flora 8: 736).

Vierte Beilage zur Flora . . . 1825. Zweiter Band, p. [49]-80, Dec 1825 (p. 70: 6 Nov; Flora 8(2) Beil.: 92).

Fünfte Beilage zur Flora . . . 1825. Zweiter Band, p. [81]-92, 28 Dec 1825, or later (p. 84-92: cont. 8(2)).

Ergänzungsblätter zur Flora . . . 1825. Zweiter Band, three fascs. (2-3 without titles):
1: p. [1]-16, Jul-Dec 1825;
2: p. 17-32, Jul-Dec 1825;
3: p. 33-48, Jul-Dec 1825.
Note: MD p. 109 refers to a fold-out, belonging to *Nro.* 45. Actually, this is a commercial pamphlet, not treated as an appendix here (cf. Flora 8: 747).

9. *Neunter Jahrgang:* Jan-Dec 1826.

9(1). *Erster Band:* p. [i, t.p.], iii, dedic.], [1]-247, 248 (as "148"), 249-384, *pl. II* (lith.; *I* is not a plate, but a printed table, fold-out); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun.
APPENDICES: *Erste Beilage zur Flora . . . 1826. Erster Band*, p. [1]-96, Apr-Mai 1826 (p. 86; p. 88: 30 Mar; p. 96: Mar; Flora 9: 142, 320).
Zweite Beilage zur Flora . . . 1826. Erster Band, p. [97]-108, 28 Jun 1826, or later (p. 99-108: cont. 9(1)).
Ausserordentliche Beilage zum ersten Band der Flora, Jahrgang 1826, p. [1]-[6], Jul 1826 (p. [1]: published after printing 9(1) was finished).
Note: p. [5]-[6] (err. for 9(1) *Beil.* 1) might just as well have been published separately.

9(2). *Zweiter Band:* p. [v, t.p.], [vii, dedic.], [385]-621, 622 (as "922"), 623-768, *pl.* [*I*] (lith.); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec.
APPENDIX: *Beilage zur Flora . . . 1826. Zweiter Band*, p. [1]-108, probably published in at least two parts: p. [1]-96, Jul-Nov 1826 (p. 103: reference to *Beilage 1*; Flora 10: 25); p. 97-108, 28 Dec 1826, or later (p. 102-108, cont. 9(2)).

10. *Zehnter Jahrgang:* Jan-Dec 1827.

10(1). *Erster Band:* p. [i, t.p.], [iii, dedic.], [1]-311, 312 (as "512"), 313-349, 350 (as "550"), 351-384, *pl. 1-2* (liths.); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jul.
APPENDICES: *Erste Beilage zur Flora . . . 1827. Erster Band*, p. [1]-16, Jan-Feb 1827 (p. 14, 16: Jan).
Zweite Beilage zur Flora . . . 1827. Erster Band, p. [17]-32, Feb-Mar 1827 (p. 30: Feb).
Dritte Beilage zur Flora . . . 1827. Erster Band, p. [33]-96, probably published in at least two parts: p. [33]-80, Feb-Mar 1827;
p. 81-96, Apr-Jun 1827 (p. 96: 21 Mar).
Vierte Beilage zur Flora . . . 1827. Erster Band, p. [97]-108, 28 Jun 1827, or later (p. 101-108: cont. 10(1); Flora 10: 511).

10(2). *Zweiter Band:* p. [v, t.p.], [vii, dedic.], [ix-x, "An die Leser"], [385]-768, *pl. I-II* (copp., *II:* partly col.); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec; p. [ix-x]: Jan 1828 (p. [ix]: published after 10 was finished).
APPENDIX: *Erste Beilage zur Flora . . . 1827. Zweiter Band*, p. [1]-120, *pl.* [*I*] (copp., col., cf. p. [1], 21), probably published in at least four parts:
p. [1]-80, *pl.* [*I*], Jul-Sep 1827 (Flora 10: 574);
p. 81-96, Sep-Dec 1827 (p. 96: Sep);
p. 97-112, 28 Dec 1827 (p. 108: 28 Dec);
p. 113-120, 28 Dec 1827, or later (p. 113-120: cont. 10(2)).
Note: No second *Beilage* published (cf. t.p. 10(2)).

11. *Eilfter* [sic] *Jahrgang:* Jan-Dec 1828.

11(1). *Erster Band:* p. [i, t.p.], [iii, dedic.], [1]-257, 258 (as "238"), 259-384, *pl.* [*I*] (lith.); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun.
APPENDICES: *Beilage zur Flora . . . 1828. Erster Band*, p. [1]-16, probably published in two parts (because printed on two lvs.):
p. [1]-8, Apr 1828 (p. 8: 28 Mar);
p. 9-16, Mai-Jun 1828 (p. 10: Mai).
Ergänzungsblätter zur Flora . . . 1828. Erster Band, eight fascs. (II-VIII without titles):
I: p. [1]-16, Jan-Jun 1828;
II: p. 17-32, Jan-Jun 1828;
III: p. 33-48, Jan-Jun 1828;
IV: p. 49-64, Jan-Jun 1828;
V: p. 65-80, Jan-Jun 1828;
VI: p. 81-96, Jan-Jun 1828;
VII: p. 97-112, Jan-Jun 1828;
VIII: p. 113-124, 28 Jun 1828, or later (p. 118-124: cont. 11(1)).

11(2). *Zweiter Band:* p. [v, t.p.], [vii, dedic.], [385]-412, 413 (as "313"), 414-768; – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec.

APPENDICES: *Beilage zur Flora . . . 1828. Zweiter Band*, p. [1]-16, Dec (sero) 1828 (p. 16: 16 Dec).

Ergänzungsblätter zur Flora . . . 1828. Zweiter Band, five fascs. (II-V without titles):

I: p. [1]-16, Jul-Dec 1828;
II: p. 17-32, Jul-Dec 1828;
III: p. 33-48, Jul-Dec 1828;
IV: p. 49-64, Jul-Dec 1828;
V: p. 65-76, 28 Dec 1828, or later (p. 69-76: cont. 11(2)).

Note: The "*Literaturblätter für reine und angewandte Botanik.* Herausgegeben von der königl. botanische Gesellschaft in Regensburg". Nürnberg (Riegel und Wiessner). Vol. 1. 1828, is not an appendix of *Flora.* It was announed as a complementary, but independent serial (Flora 10: 380, 752, 11: 188, 12: 383; Fürnrohr 1851, p. vii; Hoppe 1829; Neumayr; Singer). Eschweiler was the editor. The *Literaturblätter* were succeeded by the "*Botanische Literatur-Blätter* zur periodischen Darstellung der Fortschritte der Pflanzenkunde in steter Beziehung zur gesammten Naturkunde, und in ihrer Anwendung auf Land- und Gartenbau, Künste und Gewerbe, herausgegeben von der Königl. botanischen Gesellschaft zu Regensburg." Nürnberg (Riegel und Wiessner). Vol. 2-3. 1829; Regensburg (F. Pustet). Vol. 4-5. 1830 [1832]. (Second t.p. of Vol. 4-5: "*Annalen der Gewächskunde* nebst ihrer Anwendung auf Land- und Gartenbau, Künste und Gewerbe, als Folge der botanischen Literaturblätter, herausgegeben von der königl. botanischen Gesellschaft zu Regensburg.") The serial was discontinued after Eschweiler's death (cf. Bot. Lit.-Bl. 5: [vi]). The *Literaturberichte zur Flora* . . . (see below, under Vol. 14) were, however, announced as its successor (cf. Flora 14 Int. Bl. 4: 15).

12. *Zwölfter Jahrgang:* Jan-Dec 1829.

12(1). *Erster Band:* p. [i, t.p.], [iii, dedic.], [1]-384, *pl. I* (as "*I.A*"), *II* (as "*I*") (copp.; publ. date of *pl. I* unknown, cf. p. [1]); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 29 Jun.

APPENDICES: *Beilage zur Flora . . . 1829. Erster Band* (not numbered), p. [1]-16, Jan (sero) 1829 (p. 15: Jan, announcement of sale on 5 Feb).

Zweite Beilage zur Flora . . . 1829. Erster Band, p. [17]-48, Mai-Jun 1829 (p. 18, 47: Mai).

Dritte Beilage zur Flora . . . 1829. Erster Band, p. [49]-60, 28 Jun 1829, or later (p. 51-60: cont. 12(1)).

Ergänzungsblätter zur Flora . . . 1829. Erster Band, seven fascs. (II-VII without titles):

I: p. [1]-16, Jan-Mar 1829;
II: p. 17-32, Jan.Mar 1829;
III: p. 33-48, Jan-Mar 1829;
IV: p. 49-64, Mar-Apr 1829 (p. 56: Pascham 1829; p. 57: ref. to p. 30; Flora 12: 191);
V: p. 65-80, Apr-Jun 1829;
VI: p. 81-96, Apr-Jun 1829;
VII: p. 97-112, Apr-Jun 1829.

12(2). *Zweiter Band:* p. [v, t.p.], [vii, dedic.], [385]-768, *pl.* [*I*]-[*III*] ([*I*], [*II*]: liths., [*III*]: copp.); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec.

APPENDICES: *Ergänzungsblätter zur Flora . . . 1829. Zweiter Band*, nine fascs. (II-IV, VI-IX without titles):

I: p. [1]-16, Jul-Oct 1829;
II: p. 17-32, Jul-Oct 1829;
III: p. 33-38, Jul-Oct 1829;
IV: p. 49-64, Jul-Oct 1829;
V: p. [65]-80, Jul-oct 1829;
VI: p. 81-96, Jul-Oct 1829;
VII: p. 97-112, Jul-Oct 1829;
VIII: p. 113-128, Oct-Dec 1829 (p. 126: 4 Oct);
IX: p. 129-144, 28 Dec 1829, or later (p. 135-144: cont. 12(2)).

[*Extra Beilage 1*] (no title), p. [1]-4, Sep 1829 (p. 4: 1 Sep).

[*Extra Beilage 2*] (no title), p. [1]-[2], Nov 1829 (p. [1]: 1 Nov).

Note: the *Extra Beilagen* contain announcements about exsiccatae, seeds, and books. Whether these are true appendices is not sure.

13. *Dreizehnter Jahrgang:* Jan-Dec 1830.

13(1). *Erster Band:* p. [i, t.p.], [iii, dedic.], [1]-219, 220 (as "120"), 221-392, ad p. 355 fold-out (table), *pl. I* (copp.); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun.

APPENDICES: *Beilage zur Flora . . . 1830. Erster Band* (not numbered), p. [1]-16, Jan-Mar (prim.) 1830 (p. 3: 9 Jan; Flora 13: 160);

Beilage II (no title, see direction-line), p. 17-32, Apr 1830 (p. 25: Mar; Flora 13: 273);

Beilage [III] (not numbered, no title, see id.), p. 33-36, Apr- Mai 1830 (cf. p. 47: Ostermesse);

Beilage IV (no title, see id.), p. 37-40, Jun 1830 (p. 40: 29 Mai);

Beilage V (no title, see id.), p. 41-52, 28 Jun 1830, or later (p. 45-52: cont. 13(1)).

Ergänzungsblätter zur Flora . . . 1830. Erster Band, nine fascs. (II-IX without titles):

I: p. [1]-16, Jan-Mai 1830;
II: p. 17-32, Jan.Mai 1830;
III: p. 33-48, Jan-Mai 1830;
IV: p. 49-64, Jan-Mai 1830;
V: p. 65-80, Jan-Mai 1803;
VI: p. 81-96, Jan-Mai 1830;
VII: p. 97-112, Jan-Mai 1830;
VIII: p. 113-128, Jan-Mai 1830;
IX: p. 129-144, Jan-Mai 1830 (Flora 13: 304).

13(2). *Zweiter Band:* p. [v, t.p.], [vii, dedic.], [393]-529, 530 (as "550"), 531-776, *pl. I-II* (copp.); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec.

APPENDICES: *Erste Beilage zur Flora . . . 1830. Zweiter Band*, p. [1]-16, Jul (sero)-Aug(prim.) 1830 (list p. 15-16 is consecutive to list Flora 13: 407-408; Flora 13: 504);

Beylage [sic] II (no title, see direction-line) p. 17-32, Sep-Dec 1830 (p. 24: Michaelismesse);

Beylage [sic] III (no title, see id.), p. 33-40, Sep-Dec 1840;

Beilage IV (no title, see id.), p. 41-52, 28 Dec 1830, or later (p. 45-52: cont. 13(2)).

Ergänzungsblätter zur Flora . . . 1830. Zweiter Band, nine fascs. (II-IX without titles):

I: p. [1]-16, Jul-Dec 1830;
II: p. 17-32, Jul-Dec 1830;
III: p. 33-48, Jul-Dec 1830;
IV: p. 49-64, Jul-Dec 1830;
V: p. 65-80, Jul-Dec 1830;
VI: p. 81-96, Jul-Dec 1830;
VII: p. 97-112, Jul-Dec 1830;
VIII: p. 113-128, Jul-Dec 1830;
IX: p. 129-132, Jul-Dec 1830.

[*Extra Beilage*] (no title), p. [1-4, "Anzeigen. An unsre Leser"], Dec(sero) 1830, (p. [4]: 3 Dec).

14. *Vierzehnter Jahrgang:* 1831.

14(1). *Erster Band:* p. [i, t.p.], [iii, dedic.] [1]-416, ad p. 49 and p. 301 fold-outs (tables), *pl. I* (copp.); – *Nrs.* 1-24, not dated (but very probably: 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun).

APPENDICES: *Nro. I. Intelligenzblatt zur Flora . . . Erster Band* 1831, p. [1]-4, 7 Jan 1831 (p. 4: 1 Jan; Flora 13: 776).

Nro. II. Intelligenzblatt zur [Flora] . . . Erster Band 1831, p. [5]-20, Jan (sero) 1831 (p. 11: 14 Jan, Flora 14: 336).

Nro. III. Intelligenzblatt zur [Flora] . . . Erster Band 1831, p. [21]-24, Feb-Mar 1831 (p. 24: 28 Jan).

Nro. IV. Intelligenzblatt zur [Flora] . . . Erster Band 1831, p. [25]-32, Apr-Jun 1831 (p. 31: 6 Apr).

Nro. V. Intelligenzblatt zur [Flora] . . . Erster Band 1831, p. [33]-44, 28 Jun 1831, or later (p. 38-44: cont. 14(1)).

Literaturberichte zur Flora oder allgemeinen botanischen Zeitung. Herausgegeben von der Königl. Bayer. botanischen Gesellschaft zu Regensburg. Ersten Bandes erstes Heft. Regensburg, 1831, p. [I, t.p.], III-VI (cont.), [1]-170; – *Nrs.* 1-11:

1: p. [1]-16, 7 Jan 1831 (Flora 13: 776);
2: p. [17]-32, Jan-Feb 1831;
3: p. [33]-48, Jan-Feb 1831;
4: p. [49]-64, Jan.Feb 1831;
5: p. [65]-80, Feb-Mai 1831 (p. 80: 3 Feb);
6: p. [81]-96, Feb-Mai 1831 (Flora 14: 336);
7: p. [97]-112, Mai-Jun 1831;
8: p. [113]-128, Mai-Jun 1831;
9: p. [129]-144, Mai-Jun 1831;
10: p. [145]-160, Mai-Jun 1831;
11: p. [161]-170, Jul 1831 (Flora 14: 404).

14(2). *Zweiter Band:* p. [v, t.p., "Fünfzehnter Jahrgang"], [vii, dedic.], [417]-775, 775bis, 777-832, *pl. I-II* (copp., *II* partly col.; *I* lacking in Teyler); – *Nrs.* 25-48, not dated (but very probably: 7, 14, 21-28 Jul – 7, 14, 21, 28 Dec).

APPENDICES: *Nro. I. Intelligenzblatt zur* [*Flora*] . . . *Zweiter Band* 1831, p. [1]-8, Jul-Aug 1831.

Nro. II. Intelligenzblatt zur [*Flora*] . . . *Zweiter Band 1831*, p. [1]-8, Sep-Oct 1831 (p. [1]: 20 Aug).

Nro. III. Intelligenzblatt zur [*Flora*] . . . *Zweiter Band 1831*, p. [1]-8, Oct-Nov 1831 (p. 6: Oct).

Nro. IV. Intelligenzblatt zur [*Flora*] . . . *Zweiter Band 1831*, p. [1]-16, Nov-Dec 1831 (p. 16: Nov).

Nro. V. Intelligenzblatt zur [*Flora*] . . . *Zweiter Band 1831*, p. [17]-28, 28 Dec 1831, or later (p. 22-28, cont. 14(2)).

Literaturberichte zur Flora . . . der königl. bayer. . . . Regensburg. Ersten Bandes zweites Heft. Regensburg, 1831, p. [I, t.p.], III-VI (cont.), [171]-254, 255-257 (as "555"-"557"), 258-264, 265 (as "465"), 266-286, 287 (as "487"), 288-323, [324, err.]; – *Nrs.* 12-21 (21 without title):
12: p. [171]-186, Jul-Dec 1831;
13: p. [187]-202, Jul-Dec 1831;
14: p. [203]-218, Jul-Dec 1831;
15: p. [219]-234, Jul-Dec 1831;
16: p. [235]-250, Jul-Dec 1831;
17: p. [251]-266, Jul-Dec 1831;
18: p. [267]-282, Jul-Dec 1831;
19: p. [283]-298, Jul-Dec 1831;
20: p. [299]-314, Jul-Dec 1831;
21: p. 315-[324], Jul-Dec 1831.

15. *Fünfzehnter Jahrgang:* Jan-Dec 1832.

15(1). *Erster Band:* p. [i, t.p.], [iii, dedic.], [1]-384, *pl. I* (copp., partly col.); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun.

APPENDICES: *Beiblätter zur Flora . . . Erster Band. 1832*, nine fascs. (II-IX without titles):
I: p. [1]-16, 7 Jan 1832 (Flora 14: 832);
II: p. 17-32, Jan-Feb 1832 (Flora Lit. Ber. 2: 35);
III: p. 33-48, Feb-Jun 1832;
IV: p. 49-64. Feb-Jun 1832;
V: p. 65-80, Feb-Jun 1832;
VI: p. 81-96, Feb-Jun 1832;
VII: p. 97-112, Feb-Jun 1832;
VIII: p. 113-128, Feb-Jun 1832; IX: p. 129-144, Feb-Jun 1832.

Nro. I. Intelligenzblatt zur [*Flora*] . . . *Erster Band 1832*, p. [1]-16, Jan-Feb 1832.

Nro. II. Intelligenzblatt zur [*FlFlora*] . . . *Erster Band 1832*, p. [17]-32, Feb(sero) 1832 (p. 22; Flora 15: 112).

III. [*sic*] *Intelligenzblatt zur* [*Flora*] . . . *Erster Band 1832*, p. [33]-48, Mar-Apr 1832 (p. 44, 45: Ostermesse).

IV. [*sic*] *Intelligenzblatt zur* [*Flora*] . . . *Erster Band 1832*, p. [49]-60, 28 Jun 1832, or later (p. 53-60: cont. 15(1)).

Literaturberichte zur Flora . . . Zweiten Bandes erstes Heft. Regensburg, 1832, p. [1, t.p.], [iii]-[viii] (cont.), [1]-160; – *Nrs.* 1-10:

1: p. [1]-16, 7 Jan 1832 (Flora 14: 832);
2: p. [17]-32, Jan-Feb 1832;
3: p. [33]-48, Jan-Feb 1832;
4: p. [49]-64, Feb-Mai 1832 (p. 52: Jan);
5: p. [65]-80, Feb-Mai 1832;
6: p. [81]-96, Feb-Mai 1832;
7: p. [97]-112, Feb-Mai 1832;
8: p. [113]-128, Feb-Mai 1832;
9: p. [129]-144, Feb-Mai 1832;
10: p. [145]-160, Mai-Jun 1832 (p. 160: Mai).

15(2). *Zweiter Band:* p. [v, t.p.], [vii, dedic.], [385]-768, *pl. I-V* (liths.); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec.

APPENDICES: *Beiblätter zur Flora . . . Zweiter Band. 1832*, seven fascs. (II-VII without titles):
I: p. [1]-16, Jul-Dec 1832;
II: p. 17-32, Jul-Dec 1832;
III: p. 33-48, Jul-Dec 1832;
IV: p. 49-56, Jul-Dec 1832;
V: p. 57-72, Jul-Dec 1832;
VI: p. 73-88, Jul-Dec 1832;
VII: p. 89-104, Jul-Dec 1832.

Nro. I. Intelligenzblatt zur [Flora] . . . Zweiter Band 1832, p. [1]-8, Jul-Aug 1832.

Nro. II. Intelligenzblatt zur [Flora] . . . Zweiter Band 1832, p. [9]-24, Jul-Aug 1832.

Nro. III. Intelligenzblatt zur [Flora] . . . Zweiter Band 1832, p. [25]-40, Aug-Sep 1832 (p. 40: Aug).

Nro. III[bis]. Intelligenzblatt zur [Flora] . . . Zweiter Band 1832, p. [41]-56 (as ["25"]-"40"), Aug-Sep 1832 (p. 52, 53 (as "36", "37"): Aug).

Note: Pagination and signatures of Nrs. III and IIIbis are identical. The double occurrence is mentioned on p. 68 (as "76"), without an identification of the correct sequence. This can be deduced from the reference to the contents of p. [25]-40 on p. 56 (as "40").

Nro. V. Intelligenzblatt zur [Flora] . . . Zweiter Band 1832, p. [57]-68 (as ["65"]-"76"), 28 Dec 1832, or later (p. 61-68 (as "69"-"76"): cont. 15(2)).

Literaturberichte zur Flora . . . Zweiten Bandes zweites Heft. Regensburg, 1832, p. [I, t.p.], III-VII (cont.), [161]-271, 272 (as "252"), [273]-288; – *Nrs.* 11-18:
11: p. [161]-176, Jul-Dec 1832;
12: p. [177]-192, Jul-Dec 1832;
13: p. [193]-208, Jul-Dec 1832;
14: p. [209]-224, Jul-Dec 1832;
15: p. [225]-240, Jul-Dec 1832;
16: p. [241]-256, Jul-Dec 1832;
17: p. [257]-272 (as "252"), Jul-Dec 1832;
18: p. [273]-288, Dec 1832 (Flora 15: 720: ref. to books reviewed on p. 280-286).

16. *Sechzehnter Jahrgang:* Jan-Dec 1833.

16(1). *Erster Band:* p. [i, t.p.], [iii, dedic.], [1]-384, *pl. I-II* (liths.); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun.

APPENDICES: *Beiblätter zur Flora . . . Erster Band. 1833*, seven fascs. (II-VII without titles):
I: p. [1]-16, 21 Jan 1833 (Flora 16: 48);
II: p. 17-32, 7 Feb 1833 (Flora 16: 80);
III: p. 33-48, 7 Apr 1833 (Flora 16: 208);
IV: p. 49-64, 21 Apr 1833 (Flora 16: 240);
V: p. 65-80, 7 Mai 1833 (Flora 16: 272);
VI: p. 81-96, 28 Mai 1833 (Flora 16: 320);
VII: p. 97-112, 14 Jun 1833 (Flora 16: 352).

I. Intelligenzblatt zur [Flora] . . . Erster Band 1833, p. [1]-16, 28 Feb 1833 (Flora 16: 128).

II. Intelligenzblatt zur [Flora] . . . Erster Band 1833, p. [17]-24, 7 Apr 1833 (Flora 16: 208).

Nro. [sic] III. Intelligenzblatt zur [Flora] . . . Erster Band 1833, p. [25]-36, 28 Jun 1833 (Flora 16: 384).

Literaturberichte zur Flora . . . Dritter Band (no subdivision in *Hefte*). Regensburg, 1833, p. [I, t.p.], III-XII (cont.) [1]-240 (lacking in Teyler); – *Nrs.* 1-15:
1; p. [1]-16, 28 Jan 1833 (Flora 16: 64);
2: p. [17]-32, 7 Mar 1833 (Flora 16: 144);
3: p. [33]-48, 28 Mar 1833 (Flora 16: 192);
4: p. [49]-64, 28 Apr 1833 (Flora 16: 256);
5: p. [65]-80, 21 Mai 1833 (Flora 16: 304);
6: p. [81]-96, 7 Jun 1833 (Flora 16: 336);
7: p. [97]-112, 21 Jun 1833 (Flora 16: 338).
(For 8-15 see under 16(2).)

16(2). *Zweiter Band:* p. [v, t.p.], [vii, dedic.], [385]-710, 711 (as "111"), 712-768; *pl. I* (lith.); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec.

APPENDICES: *Beiblätter zur Flora . . . Zweiter Band, 1833*, nine fascs. (II-IX without titles):
I: p. [1]-16, 7 Jul 1833 (Flora 16: 400);
II: p. 17-32, 28 Jul 1833 (Flora 16: 448);
III: p. 33-48, 14 Aug 1833 (Flora 16: 480);
IV: p. 49-64, 14 Sep 1833 (Flora 16: 544);
V: p. 65-80, 21 Sep 1833 (Flora 16: 560);
VI: p. 81-96, 7 Nov 1833 (Flora 16: 656);
VII: p. 97-112, 21 Nov 1833 (Flora 16: 688);
VIII: p. 113-128, 7 Dec 1833 (Flora 16: 720);
IX: p. 129-132, 28 Dec 1833, or later (probably combined with *Int. Bl. III*).

I. Intelligenzblatt zur [*Flora*] . . . *Zweiter Band 1833*, p. [1]-16, 7 Sep 1833 (Flora 16: 528).

Nro. [*sic*] *II. Intelligenzblatt zur* [*Flora*] . . . *Zweiter Band 1833*, p. [17]-32, 28 Nov 1833 (Flora 16: 704).

III. Intelligenzblatt zur [*Flora*] . . . *Zweiter Band 1833*, p. [33]-44, 28 Dec 1833, or later (p. 36-44: cont. 16(2)).

Literaturberichte zur Flora . . . Dritter Band (See under 16(1)):
8: [113]-128, 14 Jul 1833 (Flora 16: 416);
9: [129]-144, 7 Aug 1833 (Flora 16: 464);
10: [145]-160, 28 Aug 1833 (Flora 16: 512);
11: [161]-176, 7 Oct 1833 (Flora 16: 592);
12: [177]-192, 14 Oct 1833 (Flora 16: 608);
13: [193]-208, 14 Dec 1833 (Flora 16: 736);
14: [209]-224, 21 Dec 1833 (Flora 16: 752);
15: [225]-240, 28 Dec 1833 (Flora 16: 768).

17. *XVII. Jahrgang:* Jan-Dec 1834.

17(1). *I. Band:* p. [i, t.p.], [iii, dedic.], [v, err. for 16: 767, etc.], [1]-220, 221 (as "121"), 222-384, ad p. 340 fold-out (table), *pl. I-III* (liths.; *II* and *III* marked "Flora 1833. B.2."); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun.

APPENDICES: *Beiblätter zur Flora . . . Erster Band. 1834*, six fascs. (2-6 without titles):
I[sic]: p. [1]-16, 14 Jan 1834 (Flora 17: 32);
2: p. 17-32, 28 Jan 1834 (Flora 17: 64);
3: p. 33-48, 14 Feb 1834 (Flora 17: 96);
4: p. 49-64, 28 Feb 1834 (Flora 17: 128);
5: p. 65-80, 21 Mar 1834 (Flora 17: 176);
6: p. 81-96, 7 Apr 1834 (Flora 17: 208).

Nro. I. Intelligenzblatt zur [*Flora*] . . . *Erster Band 1834*, p. [1]-16, 7 Mar 1834 (Flora 17: 144).

Nro. II. Intelligenzblatt zur [*Flora*] . . . *Erster Band 1834*, p. [17]-32, 21 Mai 1834 (Flora 17: 304).

Nro. III. Intelligenzblatt zur [*Flora*] . . . *Erster Band 1833* [sic], p. [33]-44, 28 Jun 1834 (Flora 17: 384).

Literaturberichte zur Flora oder allgemeinen botanischen Zeitung. Im Auftrage der Königl. bayer. botanischen Gesellschaft zu Regensburg herausgegeben von Dr. David Heinrich Hoppe und Dr. August Emanuel Fürnrohr. Vierter Band. Regensburg, 1834, p. [I, t.p.], [III]-VIII (cont.), [1]-232 (lacking in Teyler); – *Nrs. 1-15*:
1: p. [1]-16, 21 Jan 1834 (Flora 17: 48);
2: p. [17]-32, 21 Feb 1834 (Flora 17: 112);

3: p. [33]-48, 14 Mar 1834 (Flora 17: 160);
4: p. [49]-64, 28 Mar 1834 (Flora 17: 192);
5: p. [65]-80, 21 Apr 1834 (Flora 17: 240);
6: p. [81]-96, 7 Mai 1834 (Flora 17: 272);
7: p. [97]-112, 28 Mai 1834 (Flora 17: 320);
8: p. [113]-128, 14 Jun 1834 (Flora 17: 352);
9: p. [129]-144, 21 Jun 1834 (Flora 17: 368).
(for 10-15 see under 17(2).)

17(2). *II. Band:* p. [vii, t.p.], [ix, dedic.], [385]-768, *pl. I-II* (liths.; U: col.); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec.

APPENDICES: *Beiblätter zur Flora . . . Zweiter Band 1834,* eight fascs. (2-8 without titles):
1: p. [1]-16, 7 Jul 1834 (Flora 17: 400);
2: p. 17-22, 23 (as "32"), 24-32, 21 Jul 1834 (Flora 17: 432);
3: p. 33-48, 28 Jul 1834 (Flora 17: 448);
4: p. 49-64, 14 Aug 1834 (Flora 17: 480);
5: p. 65-80, 7 Sep 1834 (Flora 17: 528);
6: p. 81-96, 14 Sep 1834 (Flora 17: 544);
7: p. 97-112, 28 Oct 1834 (Flora 17: 640);
8: p. 113-128, 21 Nov 1834 (Flora 17: 688).

Nro. I. Intelligenzblatt zur [*Flora*] . . . *Zweiter Band 1834,* p. [1]-16, 21 Oct 1834 (Flora 17: 624).

Nro. II. Intelligenzblatt zur [*Flora*] . . . *Zweiter Band 1834,* p.]17]-32, Nov-Dec 1834 (p. 22: 24 Oct).

Nro. III. Intelligenzblatt zur [*Flora*] . . . *Zweiter Band 1834,* p.[33]-44, 28 Dec 1834, or later (p. 36-44: cont. 17(2)).

Literaturberichte zur Flora . . . Vierter Band (See under 17(1)):
10: p. [145]-160, 7 Aug 1834 (Flora 17: 464);
11: p. [161]-176, 21 Aug 1834 (Flora 17: 496);
12: p. [177]-192, 14 Nov 1834 (Flora 17: 672);
13: p. [193]-208, 28 Nov 1834 (Flora 17: 704);
14: p. [209]-224, 21 Dec 1834 (Flora 17: 752);
15: p. [225]-232, 28 Dec 1834 (Flora 17: 768).

18. *XVIII. Jahrgang:* Jan-Dec 1835.

18(1). *I. Band:* p. [i, t.p.], [iii, dedic.], [1]-384, *pl.* [*1*], [*2*], *I* ([*1*], [*2*]: liths., *I*: copp.); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun.

APPENDICES: *Beiblätter zur Flora . . . Erster Band 1835,* seven fascs. (II-VII without titles):
I: p. [1]-16, 21 Jan 1835 (Flora 18: 48);
II: p. 17-32, 14 Feb 1835 (Flora 18: 96);
III: p. 33-48, 7 Apr 1835 (Flora 18: 208);
IV: p. 49-64, 21 Apr 1835 (Flora 18: 240);
V: p. 65-80, 7 Mai 1835 (Flora 18: 272);
VI: p. 81-96, 7 Jun 1835 (Flora 18: 336);
VII: p. 97-112, 21 Jun 1835 (Flora 18: 368).

Nro. I. Intelligenzblatt zur [*Flora*] . . . *Erster Band 1835,* p. [1]-16, 7 Feb 1835 (Flora 18: 80).

Nro. II. Intelligenzblatt zur [*Flora*] . . . *Erster Band 1835,* p. [17]-32, 7 Mar 1835 (Flora 18: 144).

Nro. III. Intelligenzblatt zur [*Flora*] . . . *Erster Band 1835,* p. [33]-48, 14 Mar 1835 (Flora 18: 160).

Nro. IV. Intelligenzblatt zur [*Flora*] . . . *Erster Band 1835,* p. [49]-64, 21 Mai 1835 (Flora 18: 304).

[*Nro. V*] (no title, but see direction-line), p. [65]-76, 7 Jul 1835 (Flora 18: 400).

Literaturberichte zur Flora . . . Fünfter Band. Regensburg, 1835, p. [I, t.p.], [III]-VIII (cont.), [1]-192; – *Nrs.* 1-12:
1: p. [1]-16, 21 Feb 1835 (Flora 18: 112);
2: p. [17]-32, 28 Feb 1835 (Flora 18: 128);
3: p. [33]-48, 21 Mar 1835 (Flora 18: 176);
4: p. [49]-64, 14 Mai 1835 (Flora 18: 288);

5: p. [65]-80, 14 Jun 1835 (Flora 18: 352).
(For 6-12 see under 18(2).)

18(2). *II. Band:* p. [v, t.p.], [vii, dedic.], [385]-624, [625], 626-640 (as "628"-"642"), [641]-675, 676 (as "576"), 677-775, 776 (as "766"), *pl. I* (lith.); – *Nrs.* 25-42, 43 (as "45"), 44-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec.

APPENDICES: *Beiblätter zur Flora . . . Zweiter Band 1835*, seven fascs. (II-VII without titles):
I: p. [1]-16, 21 Jul 1835 (Flora 18: 432);
II: p. 17-32, 7 Aug 1835 (Flora 18: 464);
III: p. 33-48, 14 Sep 1835 (Flora 18: 544);
IV: p. 49-64, 28 Sep 1835 (Flora 18: 576);
IVbis: p. 65-80, 21 Oct 1835 (Flora 18: 624);
VI: p. 81-96, 7 Nov 1835 (Flora 18: 656);
VII: p. 97-112, 14 Nov 1835 (Flora 18: 672).

Nro. I. Intelligenzblatt zur [Flora] . . . Zweiter Band 1835, p. [1]-16, 14 Aug 1835 (Flora 18: 480).

Nro. II. Intelligenzblatt zur [Flora] . . . Zweiter Band 1835, p. [17]-32, 7 Dec 1835 (Flora 18: 720).

Nro. III. Intelligenzblatt zur [Flora] . . . Zweiter Band 1835, p. [33]-44, 28 Dec 1835, or later (p. 36-44: cont. 18(2)).

Literaturberichte zur Flora . . . Fünfter Band (See under 18(1)):
6: p. [81]-96, 14 Jul 1835 (Flora 18: 416);
7; p. [97]-112, 7 Sep 1835 (Flora 18: 528);
8: p. [113]-128, 21 Sep 1835 (Flora 18: 560);
9: p. [129]-144, 28 Oct 1835 (Flora 18: 640 (as "642"));
10: p. [145]-160, 21 Nov 1835 (Flora 18: 688);
11: p. [161]-176, 14 Dec 1835 (Flora 18: 736);
12: p. [177]-192, 28 Dec 1835 (Flora 18: 776 (as "766")).

19. *XIX Jahrgang:* Jan-Dec 1836.

19(1). *I. Band:* p. [i, t.p.], [iii, dedic.], [1]-292, 293 (as "263"), 294-328, 329 (as "529"), 330-384, ad p. 145 four fold-outs (tables, p. 1-8), *pl. 1* [sic], [*II*], *III-IV* (liths.); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun.

APPENDICES: *Beiblätter zur Flora . . . Erster Band 1836*, five fascs. (II-V without titles):
I: p. [1]-16, 21 Jan 1836 (Flora 19: 48);
II: p. 17-32, 7 Feb 1836 (Flora 19: 80);
III: p. 33-48, 28 Feb 1836 (Flora 19: 128);
IV: p. 49-64, 28 Mar 1836 (Flora 19: 192);
V: p. 65-80, 21 Apr 1836 (Flora 19: 240).

Nro. I. Intelligenzblatt zur [Flora] . . . Erster Band 1836, p. [1]-20, 21 Feb 1836 (Flora 19: 112).

Nro. II. Intelligenzblatt zur [Flora] . . . Erster Band 1836, p. [17bis], 18[bis]-20[bis], 21-32, 21 Jun 1836 (Flora 19: 368).

[*Nro. III*] (no title, but see direction-line), p. 33-44 (in all 48 p. *Int. Bl.*), 28 Jun 1836 (Flora 19: 384).

Literaturberichte zur Flora . . . Sechster Band. Regensburg, 1836, p. [I, t.p.], [III]-VIII (cont.), [1]-176 (p. [1]-80 lacking in Teyler); – *Nrs.* 1-12:
1: p. [1]-16, 28 Jan 1836 (Flora 19: 64);
2: p. [17]-32, 14 Feb 1836 (Flora 19: 96);
3: p. [33]-48, 14 Apr 1836 (Flora 19: 224);
4: p. [49]-64, 7 Mai 1836 (Flora 19: 272);
5: p. [65]-80, 28 Mai 1836 (Flora 19: 320).
(For 6-12 see under 19(2).)

19(2). *II. Band:* p. [v, t.p.], [vii, dedic.], [385]-638, 639 (as "939"), 640-693, 694 (as "494"), 695-768, ad p. 572 fold-out (table), *pl.* [*I*]-*2*[sic] (liths.; [I]: two plates, probably published on one sheet, see p. [481], 482, 496; *2*: publ. 28 Dec 1836, or later, see Flora 19(2) Int. Bl.: 52); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec.

APPENDICES: *Beiblätter zur [Flora] . . . Zweiter Band 1836*, five fascs. (2-5 without titles): I[sic]: p. [1]-16, 28 Sep 1836 (Flora 19: 576); 2 (or II): p. 17-32, 7 or 14 Oct 1836 (Flora 19: 592, 608);

3: p. 33-48, 21 Oct 1836 (Flora 19: 624);
4: p. 49-64, 28 Oct 1836 (Flora 19: 640);
5: 65-80, 7 Nov 1836 (Flora 19: 656).

Nro. I. Intelligenzblatt zur [*Flora*] ... *Zweiter Band 1836*, p. [1]-16, 28 Aug 1836 (Flora 19: 512).

Nro. II. Intelligenzblatt zur [*Flora*] ... *Zweiter Band 1836*, p. [17]-32, 14 Sep 1836 (Flora 19: 544).

Nro. III. Intelligenzblatt zur [*Flora*] ... *Zweiter Band 1836*, p. [33]-40, 14 Nov 1836 (Flora 19: 672).

Nro. IV. Intelligenzblatt zur [*Flora*] ... *Zweiter Band 1836*, [41]-52, 28 Dec 1836, or later (p. 44-52: cont. 19(2)).

Literaturberichte zur Flora ... Sechster Band (See under 19(1)):
6: p. [81]-96, 14 Jul 1836 (Flora 19: 416);
7: p. [97]-112, 28 Jul 1836 (Flora 19: 448);
8: p. [113]-128, 21 Nov 1836 (Flora 19: 688);
9: p. [129]-144, 28 Nov 1836 (Flora 19: 704);
10: p. [145]-160, 7 Dec 1836 (Flora 19: 720);
11: p. [161]-176, 21 Dec 1836 (Flora 19: 752);
12: p. [I]-VIII, 28 Dec 1836, or later (Flora 19(2) Int. Bl.: 52) (title *Nro.* 12 on p. [III]).

20. *XX. Jahrgang:* Jan-Dec 1837.

20(1). *I. Band:* p. [i, t.p.], [iii, dedic.], [1]-380, 381 (as "382"), 382bis, 383-384, *pl. I-IV* (liths.); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun.

APPENDICES: *Beiblätter zur* [*Flora*] ... *Erster Band 1837*, five fascs.:
1: p. []-16, 21 Jan 1837 (Flora 20: 48);
2: p. 17-32, 21 feb 1837 (Flora 20: 112);
3: p. 33-48, 14 Mar 1837 (Flora 20: 160);
4: p. 49-64, 21 Apr 1837 (Flora 20: 240);
5: p. 65-72, 14 Mai 1837 (Flora 20: 288).

Nro. I. Intelligenzblatt zur [*Flora*] ... *Erster Band 1837*, p. [1]-16, 14 Feb 1837 (Flora 20: 96).

Nro. II. Intelligenzblatt zur [*Flora*] ... *Erster Band 1837*, p. [17]-32, 14 Jun 1837 (Flora 20: 352).

III. [sic] (no title, but see direction-line), p. 33-44. 28 Jun 1837 (Flora 20: 384).

Literaturberichte zur Flora ... Siebenter Band. Regensburg, 1837, p. [I, t.p.], [III]-VIII (cont., err.), [1]-173, 173bis, 175-184; – *Nrs.* 1-12:
1: p. [1]-16, 28 Jan 1837 (Flora 20: 64);
2: p. 17-32, 28 Feb 1837 (Flora 20: 128);
3: p. 33-48, 28 Mar 1837 (Flora 20: 192);
4: p. 49-64, 28 Apr 1837 (Flora 20: 256);
5: p. 65-80, 28 Mai 1837 (Flora 20: 320).
(For 6-12 see under 20(2).)

20(2). *II. Band:* p. [v, t.p.], [vii, dedic.], [385]-764, 765 (as "365"), 766-768, ad p. [481] fold-out (table), *pl. I-II* (liths.); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec.

APPENDICES: *Beiblätter zur* [*Flora*] ... *Zweiter Band 1837*, eight fascs. (2-8 without titles):
1: p. [1]-16, 7 Jul 1837 (Flora 20: 400);
2: p. 17-32, 14 Jul 1837 (Flora 20: 416);
3: p. 33-48, 14 Aug 1837 (Flora 20: 480);
4: p. 49-64, 7 Sep 1837 (Flora 20: 528);
5: p. 65-80, 21 Sep 1837 (Flora 20: 560);
6: p. 81-96, 7 Oct 1837 (Flora 20: 592);
7: p. 97-112, 21 Oct 1837 (Flora 20: 624);
8: p. 113-128, 21 Nov 1837 (Flora 20: 688).

Nro. I. Intelligenzblatt zur [*Flora*] ... *Zweiter Band 1837*, p. [1]-16, 14 Dec 1837 (Flora 20: 736).

II. [sic] (no title, but see direction-line), p. 17-28, 28 Dec 1837, or later (p. 20-26: cont. 20(2)).

Literaturberichte zur Flora ... Siebenter Band (See under 20(1)):
6: p. 81-96, 28 Jul 1837 (Flora 20: 448);

7: p. 97-112, 28 Aug 1837 (Flora 20: 512);
8: p. 113-128, Sep-Oct 1837;
9; p. 129-144, 28 Oct 1837 (Flora 20: 640);
10: p. 145-160, 28 Nov 1837 (Flora 20: 704);
11: p. 161-176, 21 Dec 1837 (Flora 20: 752);
12: p. 177-184, 28 Dec 1837, or later.

21. *XXI. Jahrgang:* Jan-Dec 1838.

21(1). *I. Band:* p. [i, t.p.], [iii, dedic.], [1]-342, 343 (as "433"), 344-374, 375 (as "475"), 376-378, 379 (as "397"), 380-392, *pl. I-III* (liths.; U: *III* partly col.); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun.

APPENDICES: *Beiblätter zur* [*Flora*] . . . *1838. Erster Band*, five fascs.:
1: p. [1]-16, 28 Mai 1838 (Flora 21: 320);
2: p. 17-32, 7 Jun 1838 (Flora 21: 336);
3: p. 33-48, 21 Jun 1838 (Flora 21: 368);
4: p. 49-64, 14 Jul [sic] 1838 (Flora 21:424);
5: p. 65-80, 21 Jul [sic] 1838 (Flora 21: 440).

Intelligenzblatt zur [*Flora*] . . . *1838. Erster Band. Nro. 1*, p. [1]-16, 14 Feb 1838 (Flora 21: 96).

Intelligenzblatt zur [*Flora*] . . . *1838. Erster Band. Nro. 2*, p.[17]-32, 14 Apr 1838 (Flora 21: 224).

III [sic] (no title, but see direction-line), p. 33-44, 7 Jul [sic] 1838 (Flora 21: 408).

Literaturberichte zur Flora . . . Achter Band. Regensburg 1838, p. [I, t.p.], [III]-VIII (cont., err.), [1]-184; – *Nrs.* 1-12:
1: p. [1]-16, 14 Jan 1838 (Flora 21: 32);
2: p. 17-32, 28 Jan 1838 (Flora 21: 64);
3: 33-48, 7 Mar 1838 (Flora 21: 144);
4: p. 49-64, 28 Mar 1838 (Flora 21: 192);
5: p. 65-80, 28 Apr 1838 (Flora 21: 256);
6: p. 81-96, 21 Mai 1838 (Flora 21: 304).
(For 7-12 see under 21(2).)

21(2). *II. Band:* p. [v, t.p.], [vii, dedic.], [393]-453, 454 (as "254"), 455-776, ad p. 548 two foldouts (tables, I-II), *pl. I* (lith.); *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec.

APPENDICES: *Beiblätter zur* [*Flora*] . . . *1838. Zweiter Band*, six fascs. (5 and 6 without titles, but see direction-line):
1: p. [1]-16, 7 Nov 1838 (Flora 21: 664);
2: p. 17-32, 14 Nov 1838 (Flora 21: 680);
3: p. 33-48, 21 Nov 1838 (Flora 21: 696);
4: p. 49-64, Dec 1838;
5: p. 65-80, Dec 1838;
6: p. 81-96,28 Dec 1838, or later (Flora 21(2) Int. Bl.: 28).

Intelligenzblatt zur [*Flora*] . . . *1838. Zweiter Band. Nro. 1*, p. [1]-16, 21 Oct 1838 (Flora 21: 632).

II. [sic] (no title, but see direction-line), p. 17-28, 28 Dec 1838, or later (p. 22-28: cont. 21(2)).

Literaturberichte zur Flora . . . Achter Band (See under 21(1)):
7: p. 97-112, 14 Aug 1838 (Flora 21: 488);
8: p. 113-128, 7 Sep 1838 (Flora 21: 536);
9: p. 129-144, 28 Nov 1838 (Flora 21: 712);
10: p. 145-160, 7 Dec 1838 (Flora 21: 728);
11: p. 161-176, 21 Dec 1838 (Flora 21: 760);
12: p. 177-184, 28 Dec. 1838 or later.

22. *XXII. Jahrgang:* Jan-Dec 1839.

22(1). *I. Band:* p. [i, t.p.], [iii, dedic.], [1]-327, 328 (as "228"), 329-384, ad p. 233 fold-out (table), *pl. I-V* (liths., *V*: published 14 Jun, see p. 352); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun.

APPENDICES: *Beiblatt 1839. Band I*, four fascs.:
1: p. [1]-16, 21 Feb 1839 (Flora 22: 112);
2: p. [17]-32, 14 Apr 1839 (Flora 22: 224);
3: p. [33]-48, 14 Mai 1839 (Flora 22: 288);
4: p. [49]-64, 7 Jun 1839 (Flora 22: 336).

Intelligenzblatt zur Flora. 1839. Erster Band, four fascs. (IV without title, but see direction-line):
1: p. [1]-16, 28 Mar 1839 (Flora 22: 192);
2: p. 17-32, 21 Mai 1839 (Flora 22: 304);
3: p. 33-48, 21 Jun 1839 (Flora 22: 368);
IV [sic]: p. 49-60, 7 Jul [sic] 1839 (Flora 22: 400).
Literaturberichte zur Flora ... Neunter Band. Regensburg 1839, p. [I, t.p.], [III]-VIII (cont.), [1]-200; – *Nrs.* 1-13:
1: p. [1]-16, 21 Jan 1839 (Flora 22: 48);
2: p. 17-32, 28 Jan 1839 (Flora 22: 64);
3: p. 33-48, 28 Feb 1839 (Flora 22: 128);
4: p. 49-64, 21 Mar 1839 (Flora 22: 176);
5: p. 65-80, 7 Mai 1839 (Flora 22: 272);
6: p. 81-96, 28 Jun 1839 (Flora 22: 384).
(For 7-13 see under 22(2).)

22(2). *II. Band:* p. [v, t.p.], [vii, dedic.], [385]-438, 439 (as "449"), 440-446, 467 (as "567"), 468-768, pl. *I* (lith.); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec.
APPENDICES: *Beiblätter zur Flora. 1839. Zweiter Band*, five fascs.:
1: p. [1]-16, 21 Sep 1839 (Flora 22: 560);
2: p. 17-32, 7 Oct 1839 (Flora 22: 592);
3: p. 33-48, 28 Oct 1839 (Flora 22: 640);
4: p. 49-64, 21 Nov 1839 (Flora 22: 704);
5: p. 65-68, 7 Dec 1839 (Flora 22: 720).
Intelligenzblatt zur Flora. 1839. Zweiter Band, three fascs. (3 without title, but see direction-line):
1: p. [1]-16, 7 Sep 1839 (Flora 22: 528);
2: p. 17-32, 21 Dec 1839 (Flora 22: 752);
3: p. 33-44, 28 Dec 1839, or later (p. 38-44: cont. 22(2)).
Literaturberichte zur Flora ... Neunter Band (See under 22(1)):
7: p. 97-112, 14 Jul 1839 (Flora 22: 416);
8: p. 113-128, 14 Aug 1839 (Flora 22: 480);
9: p. 129-144, 21 Oct 1839 (Flora 22: 624);
10: p. 145-160, 14 Nov 1839 (Flora 22: 672);
11: p. 161-176, 14 Dec 1839 (Flora 22: 736);
12: p. 177-192, 28 Dec 1839 (Flora 22: 768);
13: p. 193-200, Jan 1840?

23. *XXIII. Jahrgang:* Jan-Dec 1840.

23(1). *I. Band:* p. [i, t.p.], [iii, dedic.], [1]-384, *pl. I-III* (liths.); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun.
APPENDICES: *Beiblätter zur Flora. 1840. Erster Band*, six fascs.:
1: p. [1]-16, 7 Feb 1840 (Flora 23: 80);
2: p. 17-32, 14 Feb 1840 (Flora 23: 96);
3: p. 33-48, 14 Mar 1840 (Flora 23: 160);
4: p. 49-64, 14 Apr 1840 (Flora 23: 224);
5: p. 65-80, 7 Jun 1840 (Flora 23: 336);
6: p. 81-96, 14 Jun 1840 (Flora 23: 352).
Intelligenzblatt zur Flora. 1840. Erster Band, four fascs.:
1: p. [1]-16, 7 Mai 1840 (Flora 23: 272);
2: p. 17-32, 21 Jun 1840 (Flora 23: 361);
3: p. 33-48, 28 Jun 1840 (Flora 23: 384);
4: p. [49]-60, 7 Jul [sic] 1840 (p. 51-60: cont. 23(1); p. 60: announcement of Flora Lit. Ber. 9(4)).
Literaturberichte zur Flora ... Zehnter Band. Regensburg 1840, p. [I, t.p.], [III]-VI (cont.), [1]-186; – *Nrs.* 1-12:
1: p. [1]-16, 7 Mar 1840 (Flora 23: 144);
2: p. 17-32, 7 Apr 1840 (Flora 23: 208);
3: p. 33-48, 14 Mai 1840 (Flora 23: 288);
(For 4-12 see under 23(2)).

23(2). *II. Band:* p. [v, t.p.], [vii, dedic.], [385]-493, 494 (as "594"), 495-718, 719 (as "619"), 720-768, *pl. I-II* (liths.); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec.

APPENDICES: *Beiblätter zur Flora. 1840. Zweiter Band*, five fascs.:
1: p. [1]-16, 28 Jul 1840 (Flora 23: 448);
2: p. 17-32, 14 Aug 1840 (Flora 23: 480);
3: p. 33-48, 21 Aug 1840 (Flora 23: 496);
4: p. 49-64, 7 Oct 1840 (Flora 23: 592);
5: p. 65-80, 14 Nov 1840 (Flora 23: 672).
Intelligenzblatt zur Flora. 1840. Zweiter Band, three fascs.:
1: p. [1]-16, 14 Oct 1840 (Flora 23: 608);
2; p. 17-32 (Teyler: 32 as "3"), 21 Dec 1840 (Flora 23: 752);
3: p. [33]-44, 28 Dec 1840, or later (p. 36-44: cont. 23(2)).
Literaturberichte zur Flora . . . Zehnter Band (See under 23(1)):
4: p. 49-64, 7 Jul 1840 (Flora 23(1) Int. Bl.: 60);
5: p. 65-80, 14 Jul 1840 (Flora 23: 416);
6: p. 81-96, 7 Sep 1840 (Flora 23: 528);
7: p. 97-112, 14 Sep 1840 (Flora 23: 544);
8: p. 113-128, 7 Nov 1840 (Flora 23: 656);
9: p. 129-144, 28 Nov 1840 (Flora 23: 704);
10: p. 145-160, 14 Dec 1840 (Flora 23: 736);
11: p. 161-176, 28 Dec 1840 (Flora 23: 768);
12: p. 177-186, Jan 1814?

24. *XXIV. Jahrgang:* Jan-Dec. 1841.

24(1). *I. Band:* p. [i, t.p.], [iii, dedic.], [1]-384, *pl. I-II* (liths.); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun.

APPENDICES: *Beiblätter zur Flora. 1841. Erster Band*, seven fascs.:
1: p. [1]-16, 21 Jan 1841 (Flora 24: 48);
2: p. 17-32, 7 Mar 1841 (Flora 24: 144);
3: p. 33-48, 14 Mar 1841 (Flora 24: 160);
4: p. 49-64, 14 Apr 1841 (Flora 24: 224);
5: p. 65-80, 21 Mai 1841 (Flora 24: 304);
6: p. 81-96, 21 Jun 1841 (Flora 24: 368);
7: p. 97-112, 28 Jun 1841 (Flora 24: 384).
Intelligenzblatt zur Flora. 1841. Erster Band, four fascs. (4 without title, but see direction-line):
1: p. [1]-16, 14 Feb 1841 (Flora 24: 96);
2: p. 17-32, 28 Mai 1841 (Flora 24: 320);
3: p. 33-48, 7 Jun 1841 (Flora 24: 336);
4: p. [49]-60, 7 Jul [sic] 1841 (Flora 24: 400).
Literaturberichte zur Flora . . . Elfter Band. Regensburg 1841, p. [I, t.p.], [III]-VIII (cont.), [1]-184; – *Nrs.* 1-12:
1: p. [1]-16, 7 Feb 1841 (Flora 24: 80);
2: p. 17-32, 7 Apr 1841 (Flora 24: 208);
3: p. 33-48, 14 Mai 1841 (Flora 24: 288);
4: p. 49-64, 14 Jun 1841 (Flora 24: 352).
(For 5-12 see under 24(2).)

24(2). *II. Band:* p. [v, t.p.], [vii, dedic.], [385]-620, 621 (as "221"), 622-684, 685 (as "865"), 686-768; – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec.

APPENDICES: *Beiblätter zur Flora . . . 1841. Zweiter Band*, seven fascs.:
1: p. [i, t.p.], [1]-16, 7 Aug 1841 (Flora 24: 464);
2: p. [17]-32, 28 Aug 1841 (Flora 24: 512);
3: p. [33]-48, 7 Sep 1841 (Flora 24: 528);
4: p. [49]-64, 21 Sep 1841 (Flora 24: 560);
5: p. [65]-80, 28 Sep 1841 (Flora 24: 576);
6: p. [81]-96, 7 Oct 1841 (Flora 24: 592);
7: p. [97]-112, 14 Nov 1841 (Flora 24: 672).
Note: The t.p. is intended to be used as t.p. for the combination of Flora 20(2) Beibl.: 1-128. 1837; Flora 21(2) Beibl.: 49-96. 1838; Flora 22(1) Beibl.: 1-64. 1839; and Flora 24(2) Beibl.: 1-112. 1841; i.e. C. F. P. von Martius, *Herbarium Florae Bras.*
Intelligenzblatt zur Flora . . . 1841. Zweiter Band, two fascs.:
1: p. [1]-16, 7 Nov 1841 (Flora 24: 656);
2: p. [17]-28, 28 Dec 1841, or later (p. 21-28: cont. 24(2)).

Literaturberichte zur Flora . . . Elfter Band (See under 24(1)):
5: p. 65-80, 14 Jul 1841 (Flora 24: 416);
6: p. 81-96, 21 Jul 1841 (Flora 24: 432);
7: p. 97-112, 14 Oct 1841 (Flora 24: 608);
8: p. 113-128, 7 Dec 1841 (Flora 24: 720);
9: p. 129-144, 14 Dec 1841 (Flora 24: 736);
10: p. 145-160, 21 Dec 1841 (Flora 24: 752);
11: p. 161-176, 28 Dec 1841 (Flora 24: 768);
12: p. 177-184, 28 Dec 1841, or later (Flora 24(2) Int. Bl.: 28).

25. *XXV. Jahrgang:* Jan-Dec 1842.

25(1). *I. Band:* p. [i, t.p.], [iii, dedic.], [1]-143, 144 (as "148"), [145]-384, *pl. I-II* (liths.); – *Nrs.* 1-24, dated 7, 14, 21, 28 Jan – 7, 14, 21, 28 Jun.

APPENDICES: *Beiblätter zur Flora . . . 1842. Erster Band*, ten fascs.:
1: p. [1]-16, 7 Feb 1842 (Flora 25: 80);
2: p. 17-32, 7 Mar 1842 (Flora 25: 144);
3: p. 33-48, 14 Mar 1842 (Flora 25: 160);
4: p. 49-64, Mar (sero) – Apr 1842;
5: p. 65-80, 28 Apr 1842 (Flora 25: 256);
6: p. 81-96, 7 Mai 1842 (Flora 25: 272);
7: p. 97-112, 21 Mai 1842 (Flora 25: 304);
8: p. 113-128, 28 Mai 1842 (Flora 25: 320);
9: p. 129-144, 7 Jun 1842 (Flora 25: 336);
10: p. 145-160, 14 Jun 1842 (Flora 25: 352).

Intelligenzblatt zur Flora. 1842. Erster Band, four fascs.:
1: p. [1]-16, 14 Feb 1842 (Flora 25: 96);
2: p. 17-32, 14 Mai 1842 (Flora 25: 288);
3: p. 33-56, 28 Jun 1842 (Flora 25: 384);
4: p. [57]-68, 1842 (post 28 Jun) (p. [61]-68: cont. 25(1)).

Literaturberichte zur Flora 1842 (no t.p. seen; no indication of *Band*, no imprint), p. [1]-136, 135bis, 136bis, [137], 138-146; – *Nrs.* 1-[10]:
1: p. [1]-16, 7 Apr 1842 (Flora 25: 208);
2: p. 17-32, 14 Apr 1842 (Flora 25: 224);
3: p. 33-48, 21 Jun 1842 (Flora 25: 368).
(For 4-[10] see under 25(2).)

25(2). *II. Band:* p. [v, t.p.], [vii, dedic.], [385]-768, *pl. 1-4* [sic] (liths.; *1-3* n.v., but see p. [513]); – *Nrs.* 25-48, dated 7, 14, 21, 28 Jul – 7, 14, 21, 28 Dec.

APPENDICES: *Beiblätter zur Flora . . . 1842. Zweiter Band*, eight fascs.:
1: p. [1]-16, 14 Jul 1842 (Flora 25: 416);
2: p. 17-32, 21-28 Jul 1842;
3: p. 33-48, 7 Aug 1842 (Flora 25: 464);
4: p. 49-64, 28 Sep 1842 (Flora 25: 576);
5: p. 65-80, 28 Oct 1842 (Flora 25: 640);
6: p. 81-96, 7 Nov 1842 (Flora 25: 656);
7: p. 97-112, 14 Nov 1842 (Flora 25: 672);
8: p. 113 (as "114"), 114bis-127, 128 (as "123"), 21 Nov 1842 (Flora 25: 688).

Literaturberichte zur Flora. 1842 (See under 25(1)):
4: p. 49-64, 14 Aug 1842 (Flora 25: 480);
5: p. 65-80, 14 Sep 1842 (Flora 25: 544);
6: p. 81-96, 14 Oct 1842 (Flora 25: 608);
7: p. 97-112, 7 Dec 1842 (Flora 25: 720);
8: p. 113-128, 21 Dec 1842 (Flora 25: 752);
9: p. 129-136, 28 Dec 1842 (Flora 25: 768);
[10]: p. 135bis-146, Jan 1843? (p. 136bis: err. for p. 134; p. [137]-146: cont. 25(2), incl. Lit. Ber.).

SURVEY OF APPENDICES

Special Appendices

Jahrgang	*Append.*	*pages*	*dates*
1	Beylage zu Nro. 35	[609]-628	20 Dec 1818
2(1)	Extra Beilage	84 p.	28 Mar 1819
9(1)	Ausserordentliche Beilage	[1]-[6]	Jul 1826
12(2)	[Extra Beilage 1]	[1]-4	Sep 1829
	[Extra Beilage 2]	[1]-[2]	Nov 1829
13(2)	[Extra Beilage]	[1]-[4]	Dec(sero) 1830

Beilagen zur Flora (Flora . . . Beil.)

Jahrgang	*Beil.*	*pages*	*dates*
2(1)	-	[1]-29	7 Jan-Jun 1819
3(1)	1	[1]-32	Feb-Mar 1820
	2	[33]-48	Mar-Jun 1820
3(2)	1	[1]-16	Jul-Dec 1820
	2	[17]-32	Jul-Dec 1820
	3	[33]-40	28 Dec 1820, or later
4(1)	1	[1]-32	1821 (prim.)
	2	[33]-64	Jan-Jun 1821
	3	[65]-83	28 Jun 1821, or later
4(2)	1	[1]-48	Jul-Aug 1821
	2	[49]-64	1821 (post 18 Aug)
	3	[65]-80	1821 (post 9 Oct)
	4	[81]-92	208 Dec 1821, or later
5(1)	1	[1]-56	Jan-14 Feb 1822
	2	[57]-72	14-28 Feb 1822
		73-104	Mar-Jun 1822
	3	[105]-116	28 Jun 1822, or later
5(2)	1	[1]-16	Jul-Nov 1822
	2	[17]-32	Jul-Nov 1822
	3	[33]-48	Jul-Nov 1822
	4	[49]-64	Nov-Dec 1822
	5	[65]-80	Nov-Dec 1822
	6	[81]-92	28 Dec 1822, or later
6(1)	1	[1]-16	Jan (sero)-14 Feb 1823
	2	[17]-32	Feb-Mar 1823
	[3]	33-48	Feb-Mar 1823
	4	[49]-64	Feb-Mar 1823
	5	65]-80	Mar (sero)-1 Jun 1823
	6	[81]-96	28 Jun 1823, or later
6(2)	1	[1]-32	Jul-Nov 1823
	2	[33]-64	Jul-Nov 1823
	3	[65]-96	Jul-Nov 1823
		97-112	Nov-Dec 1823
	4	[113]-140	28 Dec 1823, or later
7(1)	1	[1]-96	Jan-Mar 1824
	2	[97]-112	Jan-Mar 1824
	3	[113]-128	Apr-Mai 1824
	4	[129]-144	Mai-Jun 1824
	5	[145]-156	28 Jun 1824, or later
7(2)	1	[1]-64	Jul-Dec 1824
	2	[65]-144	Jul-Dec 1824
	3	[145]-156	28 Dec 1824, or later

Jahrgang	*Beil.*	*pages*	*dates*
8(1)	1	[1]-64	1825 (ante 21 Mar)
	2	[65]-96	Mar-Apr 1825
	3	[97]-112	Mar-Apr 1825
	4	[113]-144	1825 (ante 7 Mai)
	5	[145]-156	28 Jun 1825, or later
8(2)	1	[1]-16	Jul-Oct 1825
	2	[17]-32	1825 (post 20 Oct)
	3	[33]-48	1825 (ante 14 Dec)
	4	[49]-80	Dec 1825
	5	[81]-92	28 Dec 1825, or later
9(1)	1	[1]-96	Apr-Mai 1826
	2	[97]-108	28 Jun 1826, or later
9(2)	[1]	[1]-96	Jul-Nov 1826
	[2]	97-108	28 Dec 1826, or later
10(1)	1	[1]-16	Jan.Feb 1827
	2	[17]-32	Feb-Mar 1827
	3	[33]-80	Feb-Mar 1827
		81-96	Apr-Jun 1827
	4	[97]-108	28 Jun 1827, or later
10(2)	1	[1]-80, *pl.* [*I*]	Jul-Sep 1827
		81-96	Sep-Dec 1827
		97-112	28 Dec 1827
		113-120	28 Dec 1827, or later
11(1)	-	[1]-8	Apr 1828
		9-16	Mai-Jun 1828
11(2)	-	[1]-16	Dec (sero) 1828
12(1)	[1]	[1]-16	Jan (sero) 1829
	2	[17]-48	Mai-Jun 1829
	3	[49]-60	28 Jun 1829, or later
13(1)	[I]	[1]-16	Jan-Mar (prim.) 1830
	II	17-32	Apr 1830
	[III]	33-36	Apr-Mai 1830
	IV	37-40	Jun 1830
	V	41-52	28 Jun 1830, or later
13(2)	I	[1]-16	Jul (sero)-Aug (prim.) 1830
	II	17-32	Sep-Dec 1830
	III	33-40	Sep-Dec 1830
	IV	41-52	28 Dec 1830, or later

Ergänzungsblätter zur (*Flora . . . Erg. Bl.*)

Jahrgang	*Erg. Bl.*	*pages*	*dates*
8(2)	1-3	[1]-48	Jul-Dec 1825
11(1)	I-VII	[1]-112	Jan.Jun 1828
	VIII	113-124	28 Jun 1828, or later
11(2)	I-IV	[1]-64	Jul-Dec 1828
	V	65-76	28 Dec 1828, or later
12(1)	I-III	[1]-48	Jan-Mar 1829
	IV	49-64	Mar-Apr 1829
	V-VII	65-112	Apr-Jun 1829
12(2)	I-VII	[1]-112	Jul-Oct 1829
	VIII	113-128	Oct-Nov 1829
	IX	129-144	28 Dec 1829, or later
13(1)	I-IX	[1]-144	Jan-Mai 1830
13(2)	I-IX	[1]-132	Jul-Dec 1830

Intelligenzblätter zur Flora (*Flora . . . Int. Bl.*)

Intelligenzblätter Jahrgang	*Int. Bl.*	*pages*	*dates*
14(1)	I	[1]-4	7 Jan 1831
	II	[5]-20	Jan (sero) 1831
	III	[21]-24	Feb- Mar 1831
	IV	[25]-32	Apr-Jun 1831
	V	[33]-44	28 Jun 1831, or later
14(2)	I	[1]-8	Jul-Aug 1831
	II	[1]-8	Sep-Oct 1831
	III	[1]-8	Oct-Nov 1831
	IV	[1]-16	Nov-Dec 1831
	V	[17]-28	28 Dec 1831, or later
15(1)	I	[1]-16	Jan-Feb 1832
	II	[17]-32	Feb (sero) 1832
	III	[33]-48	Mar-Apr 1832
	IV	[49]-60	28 Jun 1832, or later
15(2)	I	[1]-8	Jul-Aug 1832
	II	[9]-24	Jul-Aug 1832
	III	[25]-40	Aug-Sep 1832
	IIIbis	[41]-56 (as "[25]"-"40")	Aug-Sep 1832
	V	[57]-68 (as "[65]"-"75")	28 Dec 1832, or later
16(1)	I	[1]-16	28 Feb 1833
	II	[17]-24	7 Apr 1833
	III	[25]-36	28 Jun 1833
16(2)	I	[1]-16	7 Sep 1833
	II	[17]-32	28 Nov 1833
	III	[33]-44	28 Dec 1833, or later
17(1)	I	[1]-16	7 Mar 1834
	II	[17]-32	21 Mar 1834
	III	[33]-44	28 Jun 1834
17(2)	I	[1]-16	21 Oct 1834
	II	[17]-32	Nov-Dec 1834
	III	[33]-44	28 Dec 1834, or later
18(1)	I	[1]-16	7 Feb 1835
	II	[17]-32	7 Mar 1835
	III	[33]-48	14 Mar 1835
	IV	[49]-64	21 Mai 1835
	[V]	[65]-76	7 Jul 1835
18(2)	I	[1]-16	14 Aug 1835
	II	[17]-32	7 Dec 1835
	III	[33]-44	28 Dec 1835, or later
19(1)	I	[1]-20	21 Feb 1836
	II	[17bis]-20[bis], 21-32	21 Jun 1836
	[III]	33-44	28 Jun 1836
19(2)	I	[1]-16	28 Aug 1836
	II	[17]-32	14 Sep 1836
	III	[33]-40	14 Nov 1836
	IV	[41]-52	28 Dec 1836, or later
20(1)	I	[1]-16	14 Feb 1837
	II	[17]-32	14 Jun 1837
	[III]	33-44	28 Jun 1837
20(2)	I	[1]-16	14 Dec 1837
	[II]	17-28	28 Dec 1837, or later
21(1)	1	[1]-16	14 Feb 1838
	2	[17]-32	14 Apr 1838
	III	33-44	7 Jul 1838

Jahrgang	*Int. Bl.*	*pages*	*dates*
21(2)	I	[1]-16	21 Oct 1838
	II	17-28	28 Dec 1838, or later
22(1)	I	[1]-16	28 Mar 1839
	2	17-32	21 Mai 1839
	3	33-48	21 Jun 1839
	IV	49-60	7 Jul 1839
22(2)	I	[1]-16	7 Sep 1839
	2	17-32	21 Dec 1839
	3	33-44	28 Dec 1839
23(1)	I	[1]-16	7 Mai 1840
	2	17-32	21 Jun 1840
	3	33-48	28 Jun 1840
	4	[49]-60	7 Jul 1840
23(2)	I	[1]-16	14 Oct 1840
	2	17-32	21 Dec 1840
	3	[33]-44	28 Dec 1840, or later
24(1)	I	[1]-16	14 Feb 1841
	2	17-32	28 Mai 1841
	3	33-48	7 Jun 1841
	4	[49]-60	7 Jul 1841
24(2)	I	[1]-16	7 Nov 1841
	2	[17]-28	28 Dec 1841, or later
25(1)	I	[1]-16	14 Feb 1842
	2	17-32	14 Mai 1842
	3	33-56	28 Jun 1842
	4	[57]-68	1842 (post 28 Jun)

Beiblätter zur Flora (*Flora . . . Beibl.*)

Jahrgang	*Beibl.*	*pages*	*dates*
15(1)	I	[1]-16	7 Jan 1832
	II	17-32	Jan-Feb 1832
	III-IX	33-144	Feb-Jun 1832
15(2)	I-VII	[1]-104	Jul-Dec 1832
16(1)	I	[1]-16	21 Jan 1833
	II	17-32	7 Feb 1833
	III	33-48	7 Apr 1833
	IV	49-64	21 Apr 1833
	V	65-80	7 Mai 1833
	VI	81-96	28 Mai 1833
	VII	97-112	14 Jun 1833
16(2)	I	[1]-16	7 Jul 1833
	II	17-32	28 Jul 1833
	III	33-48	14 Aug 1833
	IV	49-64	14 Sep 1833
	V	65-80	21 Sep 1833
	VI	81-96	7 Nov 1833
	VII	97-112	21 Nov 1833
	VIII	113-128	7 Dec 1833
	IX	129-132	28 Dec 1833, or later
17(1)	I	[1]-16	14 Jan 1834
	[II]	17-32	28 Jan 1834
	[III]	33-48	14 Feb 1834
	[IV]	49-64	28 Feb 1834
	[V]	65-80	21 Mar 1834
	[VI]	81-96	7 Apr 1834
17(2)	[I]	[1]-16	7 Jul 1834

Jahrgang	*Beibl.*	*pages*	*dates*
	[II]	17-32	21 Jul 1834
	[III]	33-48	28 Jul 1834
	[IV]	49-64	14 Aug 1834
	[V]	65-80	7 Sep 1834
	[VI]	81-96	14 Sep 1834
	[VII]	97-112	28 Oct 1834
	[VIII]	113-128	21 Nov 1834
18(1)	I	[1]-16	21 Jan 1835
	II	17-32	14 Feb 1835
	III	33-48	7 Apr 1835
	IV	49-64	21 Apr 1835
	V	65-80	7 Mai 1835
	VI	81-96	7 Jun 1835
	VII	97-112	21 Jun 1835
18(2)	I	[1]-16	21 Jul 1835
	II	17-32	7 Aug 1835
	III	33-48	14 Sep 1835
	IV	49-64	28 Sep 1835
	IVbis	65-80	21 Oct 1835
	VI	81-96	7 Nov 1835
	VII	97-112	14 Nov 1835
19(1)	I	[1]-16	21 Jan 1836
	II	17-32	7 Feb 1836
	III	33-48	28 Feb 1836
	IV	49-64	28 Mar 1836
	V	65-80	21 Apr 1836
19(2)	[I]	[1]-16	28 Sep 1836
	[II]	17-32	7 or 14 Oct 1836
	[III]	33-48	21 Oct 1836
	[IV]	49-64	28 Oct 1836
	[V]	65-80	7 Nov 1836
20(1)	(1)	[1]-16	21 Jan 1837
	2	17-32	21 Feb 1837
	3	33-48	14 Mar 1837
	4	49-64	21 Apr 1837
	5	65-72	14 Mai 1837
20(2)	[1]	[1]-16	7 Jul 1837
	[2]	17-32	14 Jul 1837
	[3]	33-48	14 Aug 1837
	[4]	49-64	7 Sep 1837
	[5]	65-80	21 Sep 1837
	[6]	81-96	7 Oct 1837
	[7]	97-112	21 Oct 1837
	[8]	113-128	21 Nov 1837
21(1)	I	[1]-16	28 Mai 1838
	2	17-32	7 Jun 1838
	3	33-48	21 Jun 1838
	4	49-64	14 Jul 1838
	5	65-80	21 Jul 1838
21(2)	1	[1]-16	7 Nov 1838
	2	17-32	14 Nov 1838
	3	33-48	21 Nov 1838
	4	49-64	Dec 1838
	[5]	65-80	Dec 1838
	[6]	81-96	28 Dec 1838, or later
22(1)	[1]	[1]-16	21 Feb 1839
	2	[17]-32	14 Apr 1839
	3	[33]-48	14 Mai 1839

Jahrgang	*Beibl.*	*pages*	*dates*
	4	[49]-64	7 Jun 1839
22(2)	[1]	[1]-16	21 Sep 1839
	2	17-32	7 Oct 1839
	3	33-48	28 Oct 1839
	4	49-64	21 Nov 1839
	5	65-68	7 Dec 1839
23(1)	[1]	[1]-16	7 Feb 1840
	2	17-32	14 Feb 1840
	3	33-48	14 Mar 1840
	4	49-64	14 Apr 1840
	5	65-80	7 Jun 1840
	6	81-96	14 Jun 1840
23(2)	[1]	[1]-16	28 Jul 1840
	2	17-32	14 Aug 1840
	3	33-48	21 Aug 1840
	4	49-64	7 Oct 1840
	5	65-80	14 Nov 1840
24(1)	[1]	[1]-16	21 Jan 1841
	2	17-32	7 Mar 1841
	3	33-48	14 Mar 1841
	4	49-64	14 Apr 1841
	5	65-80	21 Mai 1841
	6	81-96	21 Jun 1841
	7	97-112	28 Jun 1841
24(2)	[1]	[i], [1]-16	7 Aug 1841
	2	[17]-32	28 Aug 1841
	3	[33]-48	7 Sep 1841
	4	[49]-64	21 Sep 1841
	5	[65]-80	28 Sep 1841
	6	[81]-96	7 Oct 1841
	7	[97]-112	14 Nov 1841
25(1)	1	[1]-16	7 Feb 1842
	2	17-32	7 Mar 1842
	3	33-48	14 Mar 1842
	4	49-64	Mar (sero)-Apr 1842
	5	65-80	28 Apr 1842
	6	81-96	7 Mai 1842
	7	97-112	21 Mai 1842
	8	113-128	28 Mai 1842
	9	129-144	7 Jun 1842
	10	145-160	14 Jun 1842
25(2)	1	[1]-16	14 Jul 1842
	2	17-32	21-28 Jul 1842
	3	33-48	7 Aug 1842
	4	49-64	28 Sep 1842
	5	65-80	28 Oct 1842
	6	81-96	7 Nov 1842
	7	97-112	14 Nov 1842
	8	113 (as "114")-128(as "123")	21 Nov 1842

Literaturberichte zur Flora (*Flora Lit. Ber.*)

Jahrgang Flora	*Band Lit. Ber.*	*Nro. Lit. Ber.*	*pages*	*dates*
14(1)	1(1)	1	[1]-16	7 Jan 1831
		2-4	[17]-64	Jan-Feb 1831

Jahrgang Flora	*Band Lit. Ber.*	*Nro. Lit. Ber.*	*pages*	*dates*
		5-6	[65]-96	Feb-Mai 1831
		7-10	[97]-160	Mai-Jun 1831
		11	[161]-170, [I]-VI	Jul 1831
14(2)	1(2)	12-21	[171]-[324], [I]-VI	Jul-Dec 1831
15(1)	2(1)	1	[1]-16	7 Jan 1832
		2-3	[17]-48	Jan-Feb 1832
		4-9	[49]-144	Feb-Mai 1832
		10	[145]-160, [I]-[VIII]	Mai-Jun 1832
15(2)	2(2)	11-17	[161]-272 (as "252")	Jul-Dec 1832
		18	[273]-288, [I]-VII	Dec 1832
16(1)	3	1	[1]-16	28 Jan 1833
		2	[17]-32	7 Mar 1833
		3	[33]-48	28 Mar 1833
		4	[49]-64	28 Apr 1833
		5	[65]-80	21 Mai 1833
		6	[81]-96	7 Jun 1833
		7	[97]-112	21 Jun 1833
16(2)	3	8	[113]-128	14 Jul 1833
		9	[129]-144	7 Aug 1833
		10	[145]-160	28 Aug 1833
		11	[161]-176	7 Oct 1833
		12	[177]-192	14 Oct 1833
		13	[193]-208	14 Dec 1833
		14	[209]-224	21 Dec 1833
		15	[225]-240, [I]-XII	28 Dec 1833
17(1)	4	1	[1]-16	21 Jan 1834
		2	[17]-32	21 Feb 1834
		3	[33]-48	14 Mar 1834
		4	[49]-64	28 Mar 1834
		5	[65]-80	21 Apr 1834
		6	[81]-96	7 Mai 1834
		7	[97]-112	28 Mai 1834
		8	[113]-128	14 Jun 1834
		9	[129]-144	21 Jun 1834
17(2)	4	10	[145]-160	7 Aug 1834
		11	[161]-176	21 Aug 1834
		12	[177[-192	14 Nov 1834
		13	[193]-208	28 Nov 1834
		14	[209]-224	21 Dec 1834
		15	[225]-232, [I]-VIII	28 Dec 1834
18(1)	5	1	[1]-16	21 Feb 1835
		2	[17[-32	28 Feb 1835
		3	[33]-48	21 Mar 1835
		4	[49]-64	14 Mai 1835
		5	[65]-80	14 Jun 1835
18(2)	5	6	[81]-96	14 Jul 1835
		7	[97]-112	7 Sep 1835
		8	[113]-128	21 Sep 1835
		9	[129]-144	28 Oct 1835
		10	[145]-160	21 Nov 1835
		11	[161]-176	14 Dec 1835
		12	[177]-192, [I]-VIII	28 Dec 1835
19(1)	6	1	[1]-16	28 Jan 1836
		2	[17]-32	14 Feb 1836
		3	[33]-48	14 Apr 1836
		4	[49]-64	7 Mai 1836
		5	[65]-80	28 Mai 1836

Jahrgang Flora	*Band Lit. Ber.*	*Nro Lit. Ber.*	*pages*	*dates*
19(2)	6	6	[81]-96	14 Jul 1836
		7	[97]-112	28 Jul 1836
		8	[113]-128	21 Nov 1836
		9	[129]-144	28 Nov 1836
		10	[145]-160	7 Dec 1836
		11	[161]-176	21 Dec 1836
		12	[I]-VIII	28 Dec 1836, or later
20(1)	7	1	[1]-16	28 Jan 1837
		2	17-32	28 Feb 1837
		3	33-48	28 Mar 1837
		4	49-64	28 Apr 1837
		5	65-80	28 Mai 1837
20(2)	7	6	81-96	28 Jul 1837
		7	97-112	28 Aug 1837
		8	113-128	Sep-Oct 1837
		9	129-144	28 Oct 1837
		10	145-160	28 Nov 1837
		11	161-176	21 Dec 1837
		12	177-184, [I]-VIII	28 Dec 1837, or later
21(1)	8	1	[1]-16	14 Jan 1838
		2	17-32	28 Jan 1838
		3	33-48	7 Mar 1838
		4	49-64	28 Mar 1838
		5	65-80	28 Apr 1838
		6	81-96	21 Mai 1838
21(2)	8	7	97-112	14 Aug 1838
		8	113-128	7 Sep 1838
		9	129-144	28 Nov 1838
		10	145-160	7 Dec 1838
		11	161-176	21 Dec 1838
		12	177-184, [I]-VIII	28 Dec 1838, or later
22(1)	9	1	[1]-16	21 Jan 1839
		2	17-32	28 Jan 1839
		3	33-48	28 Feb 1839
		4	49-64	21 Mar 1839
		5	65-80	7 Mai 1839
		6	81-96	28 Jun 1839
22(2)	9	7	97-112	14 Jul 1839
		8	113-128	14 Aug 1839
		9	129-144	21 Oct 1839
		10	145-160	14 Nov 1839
		11	161-176	14 Dec 1839
		12	177-191	28 Dec 1839
		13	192-200, [I]-VIII	Jan 1840?
23(1)	10	1	[1]-16	7 Mar 1840
		2	17-32	7 Apr 1840
		3	33-48	14 Mai 1840
23(2)	10	4	49-64	7 Jul 1840
		5	65-80	14 Jul 1840
		6	81-96	7 Sep 1840
		7	97-112	14 Sep 1840
		8	113-128	7 Nov 1840
		9	129-144	28 Nov 1840
		10	145-160	14 Dec 1840
		11	161-176	28 Dec 1840
		12	177-186, [I]-VI	Jan 1841?
24(1)	11	1	[1]-16	7 Feb 1841

Jahrgang Flora	*Band Lit. Ber.*	*Nro. Lit. Ber.*	*pages*	*dates*
		2	17-32	7 Apr 1841
		3	33-48	14 Mai 1841
		4	49-64	14 Jun 1841
24(2)	11	5	65-80	14 Jul 1841
		6	81-96	21 Jul 1841
		7	97-112	14 Oct 1841
		8	113-128	7 Dec 1841
		9	129-144	14 Dec 1841
		10	145-160	21 Dec 1841
		11	161-176	28 Dec 1841
		12	177-184, [I]-VIII	Jan 1842?
25(1)	[12]	1	[1]-16	7 Apr 1842
		2	17-32	14 Apr 1842
		3	33-48	21 Jun 1842
25(2)	[12]	4	49-64	14 Aug 1842
		5	65-80	14 Sep 1842
		6	81-96	14 Oct 1842
		7	97-112	7 Dec 1842
		8	113-128	21 Dec 1842
		9	129-136	28 Dec 1842
		[10]	135bis-146	Jan 1843?

Ref.: BM 4: 1649; B-P-H 373. 28, 533.6; Jackson p. 478; MD p. 108-111, 166; MW p. xxiii; NAF 1(1): 176, 2(1): 75, 7(15): 1103, 9(6): 457, 11(1): 96, 28B(2): 370; NAF ser. 2.2: 181, 5: 262, 7: 49, 8: 52, 9: 128; PR (ed. 2) 10735, 10799; Rehder 1: 11; RS p. 173; SY p. 63.

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Fürnrohr, A. E. *in* J. K. Hasskarl, Allgemeines Sach- und Namen-Register . . . Flora 1818-1842, p. [III]-XVI. 1851 (bibl. analysis).

Hoppe, D. H., Flora 12: 35. 1829.

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3036. *Tagebuch einer Reise nach den Küsten des adriatischen Meers* und den Gebürgen von Krain, Kärnthen, Tyrol, Salzburg, Baiern und Böhmen, vorzüglich in botanischer und entomologische Hinsicht . . . Regensburg (gedruckt bey Johann Baptist Rotermundt und in Commission bey Reigel und Wiessner in Nürnberg) 1818. Oct.† (*Tageb. Reise adriat.*).

Co-author: Christian Friedrich hornschuch (1793-1850).

Publ.: 5 Apr 1818. – p. [i]-xii, [1]-283, *1 pl.* (col.). *Copies*: NY, Steere; IDC 5198. – Describes species issued in the series exsiccatae published as *Plantae phanerogamae gramini et cryptogamicae selectae* (cent. 1: 2 Mai 1817, cent. 2: 1818). Remained incomplete, see Fürnrohr 1849, p. 146, 150.

Ref.: SY 157; Anon., Flora 2: 81-83. 14 Feb 1819; Jb. Gewächsk. 1(2): 162-165. Mai 1819.

3037. *Anleitung Gräser* und grasartige Gewächse nach einer neuen Methode *für Herbarien zuzubereiten.* Nebst Ankündigung einer nach dieser Methode verfertigten Sammlung, einem raisonnierenden Verzeichnisse der Bereits fertigen beiden ersten Decaden und Musterabbildungen von Juncus triglumis und J. ustulatus . . . Regensburg (gedruckt bey Christoph Ernst Brenchk's Witwe, und in Commission bei Riegel und Wiesner in Nürnberg) 1819. Qu. (*Anleit. Gräser*).

Publ.: 4 Mar 1819, p. [i]-viii, [1]-35, *2 pl. Copies*: MO, NY, U. – The first plate is a crude lith., the second a copper engr., both plain.

Ref.: Anon., Flora 2: 189. 28 Mar 1819, 249-250. 30 Apr 1819.

3038. *Caricologia germanica* oder Aufzählung der in Deutschland wildwachsenden Riedgräser. Zum bequemen Gebrauch auf botanischen Exkursionen, zur erleichterten Bestimmung der Arten und zur systematischen Anordnung derselben in Herbarien ... Leipzig (Bei Friedrich Hofmeister) 1826. Oct. (*Caricolog. germ.*).
Ed. 1: 1826 (p. viii: 1 Mar 1826), p. [i]-viii, [1]-104. *Copies*: B, G, L, NY, Regensburg, USDA.
Ed. 2: 1835, p. [i-xx], *112* col. *pl.*, each with 2 p. text. *Copy*: Regensburg. – "*Caricologia germanica* oder Beschreibungen und Abbildungen aller in Deutschland wildwachsenden Seggen. Zum bequemen ... Herbarien. Von Dr. David Heinrich Hoppe und Jakob Sturm." Nürnberg (zu finden bei Jakob Sturm). *Co-author:* Jacob Sturm (1771-1848).

Hoppe, Tobias Konrad (*fl.* 1750), German grocer and naturalist at Gera. (*T. Hoppe*).

HERBARIUM and TYPES: Unknown.

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3039. T.C. Hoppens *Abhandlung von der Begattung der Pflanzen.* Nebst einer Vorrede von D. George Heinrich Königsdörfer. Altenburg (in der Richterischen Buchhandlung) 1773. Oct. (*Abh. Begatt. Pfl.*).
Publ.: 1773 before 9 Aug (NZgS), p. [i]-xvi, [1]-62. *Copy*: G.

3040. T.C. Hoppens *Geraische Flora* mit einer Vorrede begleitet von Johann Ernst Immanuel Walch ... Jena (in Christian Friedrich Gollners Buchhandlung) 1774. Oct. (*Gera. Fl.*).
Publ.: 1774 (p. [xvi]: 4 Oct 1774), p. [i-xvi], [1]-224. *Copy*: Regensburg.

Horaninov (Ghoryaninov, Gorianinov), **Paul Fedorowitsch** (1796-1865), Russian botanist. (*Horan.*).

HERBARIUM and TYPES: LE(?).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 202; BM 2: 672; Hortus 3: 1195 ("Horan."); Jackson p. 17, 18, 40, 143; Kew 3: 35; LS 12654; MW p. 193, suppl. p. 113; PR 4258-4262 (ed. 1: 4688-4691); Rehder 5: 406; TR 589-592; Zander ed. 10, p. 672.
Anon., Bull. Soc. bot. France 13(bibl.): 287. 1867.
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EPONYMY: *Horaninovia* F.E.L. Fischer & C. A. Meyer (1841).

3041. *Primae lineae systematis naturae*, nexui naturali omnium evolutionique progessivae per nixus reascendentes superstructi, ... Petropoli [St. Petersburg] (Typis Karoli Krajanis) 1834. Oct. (in fours). (*Prim. lin. syst. nat.*).
Publ.: Jul-Dec 1834 (p. viii: Cal. Jul 1834), p. [i]-xiii, [1]-142, [i]-xxi, [xxii, err.] [xxiii-xxiv, note], chart. *Copies*: HH, NY.

3042. *Tetractys naturae* seu systema quadrimembre omnium naturalium, quod primis lineis systematis naturae, a se editis, adjunxit Paulus Horaninow, ... Petropoli]St. Petersburg] (typis K. Wienhöberianis) 1843. Oct. (in fours). (*Tetractys*).
Publ.: 1843 (p. [ii]: 29 Aug 1843), p. [i]-vi, [i]-62. *Copies*: G,HH.

3043. *Characteres essentiales familiarum* ac tribuum regni vegetabilis et amphorganici ad leges tetractydis naturas conscripti accedit enumeratio generum magis notorum et organographiae supplementum ... Petropoli [St. Petersburg] (typis K. Wienhöberianis) 1847. Oct. (in fours). (*Char. ess. fam.*).
Publ.: 1847 (p. [ii*]: 11 Mai 1846), p. [i*-iii*], [i]-viii, [1]-301, [302, err.]. *Copies*: B, G, NY, USDA.

3044. *Prodromus monographiae Scitaminearum* additis nonnullis de phytographia, de monocotyleis et orchideis ... Petropoli [St. Petersburg] (Typis Academiae caesareae scientiarum) 1862. Fol. (*Prodr. Monogr. Scitam.*).

Publ.: 1862 (imprint on back of title-page: 1 Aug 1862), p. [i-ii], [1]-45, *pl. 1-4*, uncol. liths. by Orsianniko. *Copies*: MICH, MO, NY US. – The MICH copy has partly col. plates.
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Horikawa, Yoshiwo (1902-1976), Japanese botanist at Hiroshima University and Yasuda Women's College. (*Horik.*).

HERBARIUM and TYPES: HIRO (80.000), further material at FH, – For his *Bryotheca archipelagi-japonica et micronesia* see Sayre (1971).
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EPONYMY: *Horikawaea* Noguchi (1937); *Horikawaella* Hattori & Amakawa (1971).

Hornemann, Jens Wilken (1770-1841), Danish botanist, lecturer (1801), from 1808 professor of botany at Copenhagen, editor of *Flora danica* 1805-1841. (*Hornem.*).

HERBARIUM and TYPES: C (40.000); further material at BM, C, HBG, K, KIEL, LE, P, S, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 306 (ed. 2: 463), 5(2): 202; Backer p. 273; Barnhart 2: 204; BL 2: 46, 670; BM 2: 876; Bossert p. 182; Bret. p. 277; CSP 3: 435, 6: 691; Dawson p. 429, 881; Frank 3(Anh.): 46; GR p. 678, *pl.* [*35*], cat. p. 65; Hortus 3: 1195 ("Hornem."); IF p. 706; IH 2: 286; Jackson p. 333, 445; Kew 3: 36; Kleppa p. 2, 4, 10, 236; KR p. 307; Langman p. 376; LS 12673-12675; MD p. 163-164; MW p. 195; NI 2249; PR 4263-4268 (ed. 1: 4694-4705); Rehder 5: 406; RS 10: 88; SBC p. 122 ("Hornem."); SK 1: 604, 5: cclxxxvii; Stevenson p. 1245; SY p. 27-28, 33, 37, 45, 52, 57, 61, 66; TL-2/46; Tucker 1: 352; Zander ed. 10, p. 672.
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3045. *Forsøg til en dansk oeconomisk Plantelaere.* Et Priis skrivt af J. W. Hornemann,... Kiøbenhavn (Trykt paa Boghandler E. L. Buchs Forlag hos Sebastian Popp.) 1796. Oct. (*Fors. oecon. Plantel.*).

Ed. 1: 1796, p. [i-vi]. [1]-730. *Copies*: HH, NY.

Ed. 2: 1806, p. [i]-ixvi, [1]-990, *pl. 1-2* (by I.T. Beyer). *Copies*: G, HH, MO, NY. – "Andet Oplag, forøget met norske og holsteenske Planter." Kjøbenhavn (id.) 1806. Oct.

Ed. 3: two volumes, 1821, 1837. *Copies*: HH, MO, NY; IDC 6517.
Vol. 1: 1821 (p. xii: 1 Jun 1921), p. [i]-xii, [1]-1042, [1, err.], *pl. 1-2*. "Tredie, forøgede Oplag." Kjøbenhavn (tryckt paa Hofboghandler J. H. Schubothes Forlag, hos Hartwig Friderich Popp.) 1821. Oct.
Vol. 2: in two parts, 1835 and 1837, p. [i-iv], [1]-338 and [399]-990. "Danske oeconomisk plantelaere Anden deel." Kjöbenhavn (Forlagt af J. H. Schubothes Boghandling. Tryckst hos S. L. Møller) 1837. Oct.

3046. *Enumeratio plantarum horti botanici hafniensis*. [1804]. (*Enum. pl. hort. hafn.*).

Orig. ed.: 1804, 30 p. (n.v.).
Revised ed.: 1807, p. [1]-44. *Copy*: USDA. – Havniae [Kjøbenhavn] (Literis Directoris Johannis Friderici Schultzii, ...) 1807 [imprint p. 44].
Supplementum: 1805, p. [1]-8. *Copy*: USDA.
Supplementum: 1806, p. [1]-1-14. *Copy*: USDA.
Supplementum: 1809, p. [1]-11. *Copy*: USDA.

3047. *Hortus regius botanicus hafniensis*. In usum tyronum et botanophilorum. Hauniae [Kjöbenhavn] (typis E. A. H. Mölleri, ...) 1813-1815, 2 vols. Oct. (*Hort. bot. hafn.*).
Particula prima: 1813, p. [i], [1]-436.
Particula secunda: 1815, (p. viii: 15 Mar 1815), p. [i*], [i]-xiv, [437]-995.
Copies: M, MO, NY, U, USDA; IDC 5204.
Supplementum Horti botanici hafniensis ... Hafniae (Typis Schultzii) 1819, p. [i], [1]-172, *Copies*: M, MO, NY, U.

3048. Anniversaria in memoriam reipublicae sacrae et litterariae cum universae, tum danicae nostrae restauratae celebranda indicit regia Universitatis hauniensis rector cum Senatu academico. Hauniae. [Kjøbnhavn] 1819. *De indole plantarum guineensium*, prolusionum scripsit Janus Wilken Hornemann, botanices prof. p. ord., ord. dannebr. eques. Typis Schultzianis. Qu. (*De indole pl. guin.*).
Publ.: 27 Oct 1819 (p. 27), p. [1]-27, *1 pl. Copy*: G.

3049. *Bemaerkninger angaaende Forskielligheden af Vegetationen i de danske Provindser* ... Kiöbenhavn. (tryckt i Hartv. Popps Bogtrykkerie) 1821. Qu. (*Bemaerkn. Veg. danske Prov.*).
Publ.: 1821, p. [1]-56. *Copy*: NY. – Reprinted from K. danske Vidensk, Selsk. Skr. 1: 153-208. 1820 (1821). – English extract in Edinburgh philos. J. 10: 162-164. 1824; German id. Flora 1825(2): 537-544.

3050. *Nomenclatura Florae danicae* emendata cum indice systematico et alphabetico ... Hafniae [Kjöbenhavn] (Typis Hartv. Frid. Poppii) 1827. Oct. (*Nomencl. Fl. danic.*).
Publ.: 1827 (probably late in the year), p. [i*], [i]-xxviii, [1]-214. *Copies*: MO, NY, USDA. – A variant with the title page date 1828 is recorded repeatedly. See MD p. 164 for bibliographical notes.

Hornschuch, Christian Friedrich (1793-1850), German botanist, mineralogist, entomologist, pharmacist 1808-1818; subsequently professor of botany and director of the botanic garden at Greifswald. (*Hornsch.*).

HERBARIUM and TYPES: B (destroyed except for some material in B-Willd.). Collections from central Europe also in BM, BR, C, CGE, E, H, KIEL, L, W. – *Moostaschenherbarium* (1815), B. – See also under Hoppe.
Ref.: Familler, I., Denkschr. Regensb. bot. Ges. 11: 9, 12. 1911.
Hedge, I.C. and J. M. Lamond, Index coll. Edinburgh 92. 1790.

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p. 328, 403, 502; LS 12677-12679; Maiwald p. 88, 90; MD p. 165-168; Moebius p. 119; MW p. 195; NAF ser. 2. 9: 123; NI 1438; PR 4269 (ed. 1: 4706-4707); Rehder 5: 406; RS p. 88; Saccardo 1: 90; SBC p. 123 ("Hornsch."); SY p. 57, 61, 64; TL-2/46; TR 593; Urban-Berl. p. 40, 303.

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(2) Nees von Esenbeck C.G., et al., *Bryologia germanica*. 1823-1831, collaborator.
(3) Martius, *Flora brasiliensis*, *Musci*, 1(2): 1-96, *pl. 1-4*. 1840.
(4) Preface to German ed. of C. A. Agardh, *Lehrbuch der Botanik*, 2e Abth., 1831 (TL-2/46).
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(6) Presl, K.B., *Reliquiae haenkeanae*, *Musci*, vol. 1(1): 13. 1825.
(7) See D. H. Hoppe, *Tageb. Reise adriat.*, no. 3036.

EPONYMY: *Hornschuchia* C. G. D. Nees (1821); *Hornschuchia* K. P. J. Sprengel (1822); *Hornschuchia* Blume (1823).

3051. *De Voitia et Systylio* novis muscorum frondosorum generibus. Commentatio quam consentiente amplissimo philosophorum ordine pro capessendis summis in philosophia honoribus edidit Christianus Fridericus hornschuch. Cum tabulis ii.aeneis pictis. Erlangae (Marcobreitae, typis Knenleinianis) 1818. Oct. (*Voitia Systylio*).
Publ.: Jan-Feb (rd. Regensburg 5 Mar 1818), p. [1]-22, *1 pl.* with 2 col. engravings by I. Sturm. *Copies*: G, NY, Steere; IDC 5967.
Ref.: Hornschuch, C. F., Flora 2: 81-83. 14 Feb 1819, 97-107. 21 Feb 1819.

3052. *Einige Beobachtungen und Bemerkungen über die Entstehung und Metamorphose der niederen vegetabilischen Organismen.* Von Dr. Hornschuch, M.d.A.d.N. Mit 2 Kupfertafeln. (Vorgelesen in dem wissenschaftlichen Vereine zu Greifswalde am 6 Januar 1820.) s.l.n.d. [Bonn, 1821]. Qu. (*Beob. Entst. nied. Org.*).
Publ.: 1821, p. [1]-70, *pl. xlvii-xlviii* (col. copp. engr. T. Wild.) *Copy*: Regensburg. – Reprinted from Nova Acta Leop. 10: 513-582. 1821 (see also Flora 5: 705-714. 1832).

3053. *Sylloge plantarum novarum* itemque minus cognitarum a praestantissimis botanicis adhuc viventibus collecta et a societate regia botanica Ratisbonensi edita. Cum tabula aenea. Ratisbonae [Regensburg] (typis viduae C. E. Brenck) [1822-] 1824-1828. Oct. (*Syll. pl. nov.*).
Publ.: *1*: 1822-1824, p. [1]-244, [i]-xii; *2*: 1825-1828, p. [1]-256, [i]-viii, *1 pl.* (uncol.). *Copies*: NY, U; IDC 5968. – A serial publication. From the recent biography of Hornschuch by Dittrich (see above) it seems unlikely that the former was the editor. However, the introduction by Hornschuch (vol. 2, p. 1-2) to Reinwardt's text indeed shows H. to be editor, at any rate for that part. Margadant (MD) gives the following survey of the mode of publication:

vol.	pages	dates	vol.	pages	dates
1	[1]-16	28 Jan 1822	2	[1]-16	1825
	17-32	Jan-7 Apr 1822		17-32	late 1825
	33-80	1822		33-48	Jan-Feb 1826
	81-240	1823 or 1824		49-112	Mar-Dec 1826
	241-244	1824		113-240	1828
	[i]-xii	1824		241-256, [i]-viii	1828

Ref.: Kuntze, O., Rev. gen. 1: cxli. 1891.
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Horr, Asa [Hor] (1817-1896), American physician and botanist. (*Horr*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 204; BL 1: 207; ME 3: 432, 599.

3054. *Florula lancastriensis*: or a catalogue comprising nearly all the flowering and filicoid plants, growing naturally within the limits of Fairfield County. By John M. Bigelow, M. D., and Asa Hor, M. D. Lancaster, O. (Wright & Legg, Printers, Columbus) 1841. Oct. (in fours). (*Fl. Lancastr.*).
Co-author: John Milton Bigelow (1804-1878).
Publ.: 1841, p. [1]-22. *Copy*: NY. – Reprinted from Transactions of the Medical Convention of Ohio, for 1841, p. 49-79. 1841.

Horrell, Ernst Charles (1870-1937), British botanist. (*Horrell*).

HERBARIUM and TYPES: Musci at B, BIRM, BM, BP, BR, C, E, KEIGHLEY, NOT, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Clokie p. 286; Desmond p. 322; IH 2: 286.
Anon., Rev. bryol. 28: 106, 29: 103. 1902.
Hedge, I.C. and J. M. Lamond, Ind. coll. Edinburgh 92. 1970.
Sayre, G., Bryologist 80: 510. 1977 (1978).

3055. *The european Sphagnaceae* (after Warnstorf) . . . London (printed by West, Newman & Co., . . .) 1901. Oct. (*Eur. Sphagnac.*).
Publ.: Jan-Feb 1901 (J. Bot. Mar 1901; Nat. Nov. Mar(1) 1901; Bryologist 9 Jul 1901). p. [i], [1]-87. *Copy*: B. – Number of copies printed: 100. – Reprinted from J. Bot. 38: 110-112 Apr, 161-167 Mai, 215-224 Jun, 252-258 Jul, 303-315 Aug, 338-353 Sep, 383-392 Oct, 422-426 Nov, 469-480 Dec 1900.
Ref.: A. G., J. Bot. 39: 112-113. 1901.
J. M. H., Bryologist 4(3): 49. 1901.

Horsfield, Thomas (1773-1859), American zoologist and botanist; Dr. med. Philadelphia 1798; naturalist on Java 1800-1818; from 1820 keeper of the East India Company museum, London. (*Horsf.*).

HERBARIUM and TYPES: BM, other material at BO, C, CAL, CGE, CW, GH, K, LE, LINN, MO, SING, U. – Drawings at BM and India Office Library.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 273; Barnhart 2: 205; BB p. 155; BM 2: 876-877, 6: 484; CSP 3: 441-442, 6: 691; DAB (by J. F. Fulton); Dawson p. 692; Desmond p. 322; DNB 27: 379; IF p. 706; IH 2: 286; Jackson p. 142; Kew 3: 36; Lasègue p. 494, 275, 506; MW p. 195; NI 934; Plesch p. 268; PR 4271 (ed. 1: 4708); Rehder 5: 406; SK 1: 243-244, xxxii, 5: clxxxvii, 8(1): xlvi; TL-2/418, 836: Tucker 1: 352.
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Anon., Proc. Roy. Soc. 10: xix-xxi. 1860; Bonplandia 8: 219. 1860; Flora 42: 749. 1859; Bull. Soc. bot. France 6: 439. 1859.
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COMPOSITE WORKS: (1) Bennett, J. J. and Brown, R., *Plantae javanicae rariores*...legit et investigavit T. Horsfield, 1838-1852 (TL 2/418).

HANDWRITING: Fl. males. ser. 1. 1: cl. 1950.

EPONYMY: *Horsfieldia* Willdenow (1806); *Horsfieldia* Blume ex A.P. de Candolle (1830); *Horsfieldia* Chifflot (1909).

3056. *Map of the island of Java*, to illustrate the researches of Thomas Horsfield, M. D. with the geographical preface and postcript of Plantae javanicae rariores. London (printed by Richard Taylor, ...) 1852. Qu. (*Map Java*).
Publ.: 1852, p. [i*-viii*], [i]-xvi, 1 map. *Copy*: U.

Horwood, Arthur Reginald (1879-1937), British lichenologist and palaeobotanist; from 1902-1922 at the Leicester City Museum, from 1924-1937 at Kew. (*Horw.*).

HERBARIUM and TYPES: K, LEI, LTR, NMW; further material at BFT, MANCH and OXF.
Ref.: Jackson, B.D., J. Bot. 75: 113-114. 1937 (herbarium divided).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 205; BL 2: 193, 220 (q.v. for the semipopular "*A new British flora*", publ. 1921, 6 vols.), 253-254, 670; BM 6: 486, 7: 629; Clokie p. 186; Desmond p. 323; GR p. 373, cat. p. 65; IH 2: 287; Kew 3: 38-39; LS 12685, 34758-34764, suppl. 12304.
Anon., Nature 139: 538. 1937; The Times 3 March 1937 (fide Desmond).
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NOTE: Horwood was one of the first authors to draw attention to the disappearance of certain cryptogams, especially lichens, in recent times, see e.g. J. Bot. 45: 334-399. 1907 and further publications listed e.g. by LS.

EPONYMY: *Horwoodia* W. B. Turrill (1939).

3057. *A hand-list of the lichens of Great Britain, Ireland, and the Channel Islands*. Compiled for the lichen exchange club of the British Isles by the secretary, A. R. Horwood ... Leicester (T. H. Jeays & Sons, ...), London (sold and published by Messrs. Dulau & Co. Ltd., ...) s.d. [1912]. Oct. (size). (*Hand-list lich. Gr. Britain.*).
Publ.: Sep-Oct 1912 (Nat. nov. (1). 1912; J. Bot. Jan 1913), p. [1]-45. *Copy*: MICH.
Ref.: Reader, J. Bot. 51: 28-29. Jan 1913.

3058. *The flora of Leicestershire and Rutland* a topographical, ecological, and historical account with biographies of former botanists (1620-1933) ... Oxford University Press London: Humphrey Milford 1933. Oct. (*Fl. Leicestershire*).
Co-author: Charles William Francis Noel, 3rd earl of Gainsborough (1850-1926).
Publ.: Sep 1933 (p. [ii], xi: Jul 1933; Nat. Nov. Dec 1933), front. portr. Pulteney, p. [i]-ccxcvii, [1]-687, *pl.* and *maps* i-xxxvi. *Copies*: BR, HH, NY, USDA.
Ref.: Rendle, A. B., J. Bot. 72: 27-29. Jan 1934.

Hosack, David (1769-1835), American physician; Dr. med. Pennsylvania Medical College 1791; from 1796-1797 botanist at Columbia College; practicing physician at New York almost until his death. (*Hosack*).

HERBARIUM and TYPES: Almost certainly destroyed by fire, 21 Mai 1866, at the New York Lyceum of Natural History. Hosack's herbarium included material from the Linnaean herbarium. Part of his library went to NY. Mss at American Philosophical Society and Royal Society; letters at LINN.

Ref.: Vail, J. New York Bot. Gard. 1: 22-26. 1900.
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EPONYMY: *Hosackia* Douglas ex Bentham (1829).

3059. *A catalogue of plants* contained in the botanic garden *at Elgin*, in the vicinity of New York. Established in 1801. By David Hosack, M. D., ... New York (printed by T. & J. Swords, ...) 1806. Oct. (in fours). (*Cat. pl. Elgin*).
Publ.: 1806, p. [1]-29. *Copies*: Ewan, MO, Libr. Congress. – For ed. 2 see below, *Hortus elginensis*, no. 3061.

3060. *A statement of facts relative to the establishment and progress of the Elgin botanic garden*, and the subsequent disposal of the same to the State of New York. By David Hosack, M. D... New York (printed by C. S. van Winkle ...) 1811. Oct. (in fours). (*Statem. Elgin bot. gard.*).
Publ.: 1811 (p. 4: 12 Mar 1811), p. [1]-56. *Copies*: Ewan, MO.

3061. *Hortus elginensis*: or a catalogue of plants indigenous and exotic, cultivated in the Elgin botanic garden, in the vicinity of the city of New York. Established in 1801, by David Hosack, ... second edition enlarged. New York (printed by T. & J. Swords, ...) 1811. Qu. (in twos). (*Hort. elgin.*).
Publ.: 1811 (p. x: 12 Mar 1811), frontisp., p. [i]-[xii], [1]-65, [66, note.]. *Copies*: MO, Library of Congress. – Second edition of the above *Catalogue*, no. 3059.

Hosius, August (1825-1896), German geologist and palaeontologist; Dr. phil. Bonn 1850; at Münster, 1862-1896. (*Hosius*).

COLLECTIONS: Geologisch-paläontologisches Institut, Münster, Westfalen.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 280; Barnhart 2: 206; BB p. 206; BM 2: 879; CSP 3: 445, 7: 1019, 10: 276, 15: 950; Jackson p. 187; Quenstedt p. 210.
Anon., Leopoldina 32: 103. 1896; Nat. Nov. 1896: 288.
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HANDWRITING: Argumenta palaeobotanica 2: 21. 1968.

3062. *Die Flora der westfälischen Kreideformation.* von prof. Hosius und Dr. von der Marck... Cassel (Verlag von Theodor Fischer) 1880. Qu. (*Fl. Westf. Kreideform.*).
Co-author: W. von der Marck (x -1900).

Publ.: Apr-Mai 1880 (Nat. Nov. Mai(2) 1880), p. [i], [1]-117, [1, err.], *pl. 24-44* (with text). *Copy*: USGS. – Reprinted from Palaeontographica 26: 125-241. 1880.
Nachtrag: Cassel (id.) 1885, p. [1]-7, pl. 1-2. *Copy:* USGS. – Reprinted from Palaeontographica 31: 225-231, *pl. 19-20.* 1885.
Ref.: Hosius, A., Palaeontographica 17(2): 89-104, *pl. 12-17.* 1869.
Geyler, Bot. Zeit. 39: 625-627. 30 Sep 1881.

Hosseus, Carl Curt (1878-1950), German botanist; collected in Thailand 1904-1905; to Argentina 1912; from 1916-1946 professor of botany in Cordoba, Argentina. (*Hosseus*).

HERBARIUM and TYPES: CORD: Thailand material e.g. at B, BAF, BM, C, CORD, E, G, K, L, M, MO, P. Material from the Malay Peninsula at B, BP, G-DC, HBF, L. Hawksworth (1974) cites BP and TUR as the location of fungi.
Ref.: Hosseus, C. C., Bol. Acad. Nac. Ci., Cordoba 26: 8-10, 12. 1921 (itin.).
Sayre, G., Mem. New York. Bot. Gard. 19(3): 344-345. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 274; Barnhart 2: 207; BJI 2: 79; BL 1: 235, 255, 256, 302; GR p. 21; Hawksworth p. 183; Hortus 3: 1196 ("Hosseus"); IF suppl. 4: 325; IH 2: 287; Kew 3: 41-42; Langman p. 576; MW p. 195; Plesch p. 270; SK 1: 247, 5: cclxxxviii, 8: xlvii; Tucker 1: 353; Urban-Berl. p. 287, 358; Zander ed. 10, p. 672.
Anon., Physis 5: 278. 1922 (bibl.).
Gentile, J. M., Carlos Curt Hosseus, botanico, Cordoba, Univ. Nacional, 1974, 27 p. (portr., bibl.).
Hansen, Ber. deut. bot. Ges. 68a: 303-306. 1957 (portr., bibl.).
Hosseus, C. C., Durch König Tschulalongkorns Reich, Stuttgart 1912 (itin.); Veröffentlichungen aus den Jahren 1903-1913, Buenos Aires, s.d. [1913], 16 p.; Bol. Acad. Ci. Córdoba 26: 5-160. 1921 (*Flora argentina*; Ind. itineraries of collectors).
Pohl, F., Generalreg. BBC 18-50: 9-10. 1942.

EPONYMY: *Hosseusia* V. K. Gyelnik (1940).

3063. *Loganiáceas.* De la "Revista del Centro Estudiantes de Farmacia", año ii, no. 5. Cordoba (Establecimiento gráf. "Pereyra",...) 1926. (*Loganiáceas*).
Publ.: 1926, cover, p. [1]-30, 2 pl. *Copy*: USDA. – Journal publ. n.v.

3064. *Notas sobra cactáceas argentinas* I... Cordoba (Imprenta de la Universidad) 1939. Oct. (*Not. cact. argent.*).
Publ.: 1939 (p. 153, printer's date 5 Mai 1939), cover, p. [1]-152, [153], *pl. 1-14. Copies*: US, USDA. – Archivos de la Escuela de Farmacia de... Cordoba no. 9.

3065. *Musgos de la República Argentina* contribución al conocimiento de los musgos de la provincia de Córdoba (Argentina). Córdoba 1937-1938, 2 parts. (*Musg. Rép. Argentina*).

1: 1937, p. [1]-42. *Copies*: Steere, USDA. – Reprinted from Arch. Esc. Farm. Córdoba 5 (ci.).
2: 1938, p. [1]-58. *Copies*: Steere, USDA. – Reprinted from id. 8 (ci.).

Ref.: Hosseus, C. C., Osservaciones preliminares sobre mis collecciones de lignenas y Briofitas sudamericanos, Cordoba, 31 p., 1940.

Host, Nicolaus Thomas (1761-1834), Austrian imperial physician to Franz I and botanist at Vienna. (*Host*).

HERBARIUM and TYPES: W; further material at B (in Bridel herb., extant), BP, H, UPS (in Thunberg herb.).

BIBLIOGRAPHY and BIOGRAPHY: ADB 13: 190; AG 2(1): 35; 12(3): 630; Backer p. 274; Barnhart 2: 207; BM 2: 879; Dawson p. 5, 430, 446; Dryander 2: 164, 215, 246, 3: 648; DTS 1: 128, 6(4): 7; Frank 3(Anh.): 46; GF p. 60; GR p. 434; Hortus 3: 1196 ("Host"); IH 2: 287; Jackson p. 263; Kanitz 95; Kew 3: 42; Lasègue p. 402; LS 12687; Maiwald p. 119, 178; NI 935-936; Plesch p. 270; PR 4284-4287 (ed. 1: 4721-4724); Rehder 5: 407; Saccardo 1: 90; Sotheby 367; Tucker 1: 353; Urban-Berl. p. 358, 414; WU 9: 340-341; Zander ed. 10, p. 672-673.
Anon., Flora 17: 126-127. 1834.
Beck, G., Vegetationsverh. Illyr. Länder 3, 36. 1901 (Veg. Erde 4).
Dolezal, H., Friedrich Welwitsch 27, 108, 111-112. 1974.
Hausmann, F., Flora von Tirol 3: 1180-1181. 1854.
Hoppe, D. H., ed., Flora 17: 126-127. 1834.
Neilreich, A., Verh. zool.-bot. Ver. Wien 5: 35-36. 1855.
Nissen, C., Philobiblon 6(9): 337. 1933.
Pritzel, G. A., Linnaea 19: 455. 1847.

HANDWRITING: Candollea 30: 401-402. 1975.

EPONYMY: *Hosta* N. J. Jacquin (1797, *nom. rej.*); *Hosta* Trattinick (1814, *nom. cons.*); *Hostana* Persoon (1806); *Hostea* Willdenow (1798); *Hostia* Moench (1802).

3066. Nicolai Thomae Host... *Synopsis plantarum* in Austria provinciisque adiacentibus sponte crescentium. Vindobonae [Wien] (sumptibus Christ. Frieder. Wappler) 1797. Oct. (*Syn. pl.*).
Publ.: 1797, p. [i-xx], [1]-666, [1, err.]. *Copies*: L, MICH, MO, NY, USDA; IDC 651.

3067. Nicolai Thomae Host... *Icones et descriptiones graminum austriacorum*... Vindobonae [Wien] (typis Matthiae Andreae Schmidt,...) 1801-1809, 4 vols. Fol. (*Icon. descr. gram. austriac.*).

1: 1801, p. [i-viii], [1]-74, *pl. 1-100* (numbered col. unsigned copper engr.).
2: 1802, p. [i], [1]-72, *pl. 1-100* (id.).
3: 1805, p. [i], [1]-66, *pl. 1-100* (id.).
4: 1809, p. [i-vi], [1]-58, [1-3, ind.], *pl. 1-100* (id.).

Copies: MO, NY; IDC 704. – Plates by J. Ibmayer, fide vol. 4, p. 56 (except vol. 4, *pl. 38* which has "Johanes Baptista Jebmaier"). Originals in National-bibliothek, Wien (fide NI).

3068. Nicolai Thomae Host, ...*Flora austriaca*... Viennae (1: sumptibus Car. Ferd. Beck; 2: sumptibus Frider. Beck...) 1827-1831, 2 vols. Oct. (*Fl. austriac.*).

Vol. 1: 1827 (Flora ann. 21 Jan 1827), p. [i-xi], [1]-576, [1, err.].
Vol. 2: 1831, p. [i-iv], [1]-768.

Copies: MO, NY, U, USDA; IDC 8322. – Kanitz (no. 95): "Die in diesem Werke aufgestellten neuen Arten führe ich darum nicht an, da sie grösstentheils unhaltbar sind..."
Ref.: Anon., Lit. Ber. Flora 4: 113-125. 1834.
Hoppe, D. H., ed., Flora 14: 91-94, 344. 1831.

3069. Nicolai Thomae Host... *Salix*. Vol. 1. Vindobonae [Wien] (Typis viduae Antonii Strauss) 1828. Fol. (*Salix*).
Publ.: Feb 1828 – Mar 1830, in parts (letters Jacquin to de Candolle, 8 Jan 1828, 25 Mar 1830, at G), p. [i]-x, [1]-34, *pl. 1-21*, "*23*" = *22*, "*22*" = *23*, *24-67*, "*86*" = *68*, *69-105*. *Copies*: BR, G, MO; IDC 5969. – 105 unsigned handcoloured engraved plates by J. Ibmayer. – Jacquin, in a letter to de Candolle, dated 10 Mar 1834, mentions the circumstance that 53 illustrations were ready for a second volume, of which 11 had already been engraved, printed and coloured. Beetz (see NI 936) mentions the existence of a further 140 incomplete drawings; all these are now in the Porträtsammlung of the Nationalbibliothek, Vienna.

Houdard, Jules (*fl.* 1911), French botanist. (*Houdard*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 207; BL 2: 155, 670.

3070. Société de Sciences naturelles de la Haute-Marne. *Catalogue des plantes vasculaires de la Haute-Marne.* Additions et corrections à la flore de MM. Aubriot et Daguin par MM. J. Houdard . . . [&] C. Thomas . . . Saint-Dizier (Imprimerie J. Thevenot) 1911. Oct. (*Cat. pl. Haute-Marne*).
Co-author: Camille Thomas, pharmacist at St. Dizier.
Publ.: 1911 (p. 4: 23 Jan 1911), p. [1]-202, [1, cont.]. *Copy*: G. – See also TL-2/207.

Hough, Romeyn Beck (1857-1924), American botanist at Lowville, N. J. (*Hough*).

HERBARIUM and TYPES: Unknown. Issued *Hough's American Woods*, a series of thin sections of North American woods, with letter press; 150 preparations, in six parts.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 208; BL 1: 161, 302; BM 2: 880, 6: 486; Kew 3: 43; NAF 28B(2): 337; NW p. 49; Rehder 5: 408; Tucker 1: 353.
House, H. D., Bibl. bot. N. Y. State 1751-1940: 184. 1942.

3071. *Handbook of the trees of the Northern States and Canada* east of the Rocky Mountains. Photo-descriptive . . . Lowville, N. Y. (published for the author) 1907. (*Handb. trees N. States*).

Publ.: Jul-Dec 1907 (p. vi: 29 Jun 1907; Nat. Nov. Mai (2) 1908), p. [i]-x, err. slip, [1]-470, *fig. 1-498. Copies:* BR, HBG, MICH, MO, NY, US, USDA.

Ed. 2: (n.v.).
Ed. 3: "Third and revised edition" Lowville, N.Y. (published by the author) 1921, p. [i]-x, [1]-470, *fig. 1-498. Copies*: US, USDA.
Reprint: 1924, Lowville, N.Y. (Romeyn B. Hough Company), [i]-x, [1]-470, *figs. 1-498. Copy:* MO.
Reprint: 1947, New York (The Macmillan Company), p. [i]-x, [1]-470, *fig. 1-498. Copies*: BR, US, USDA, WAG.
Reprint: 1950, New York (The Macmillan Company), p. [i]-x, [1]-470, *fig. 1-498. Copy*: B.

3072. *Leaf key to the trees of the northern states and Canada*, and a botanical glossary . . . Lowville, N.Y. (published by the author) 1910. (*Leaf key trees Canada*).
Publ.: 1910 (p. 4: 15 Jul 1910), frontisp., [1]-49. *Copy:* USDA.

Houlbert, Constant Vincent (1857-1947), French naturalist. (*Houlbert*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 208; BL 2: 213, 670; CSP 15: 954; Kew 3: 43; Langman p. 377; LS 34771; Rehder 5: 408; Tucker 1: 353.
Anon., Soc. Sci. Bretagne B 22: 3-6. 1947 (1948) (n.v.).

NOTE: H's *Catalogue des cryptogames cellulaires du département de la Mayenne* (Bull. Soc. étud. Sci. Angers ser. 2. 17: 155-267. 1887) was actually published 1888 (see e.g. LS 34771).

3073. *Flore du Sénonais.* Catalogue analytique et descriptif des plantes vasculaires observées dans l'arrondissement de Sens par MM. Gustave Julliot; J.-B. Loriferne; Charles Sepot; Henri et Paul Lallier; G. Moreau; Paul Fliche; Victor Guimard; Gust. Glachant; etc. Rédigé et mis en ordre par Constant Houlbert . . . publié sous les auspices de la Société archéologique de Sens . . . Sens (Société nouvelle d'impressions artistiques) 1901. Oct. (*Fl. Sénonais*).
Publ.: Jun-Nov 1901 (p. xviii: 25 Mai 1901; Nat. Nov. Dec(1) 1901), p. [i*], [iii*], [i]-xxxviii, [1]-276. *Copy*: G.

House, Homer Doliver (1878-1949), American botanist, educated at Syracuse and Columbia Universities; Ph. D. Columbia 1908; lecturer at Biltmore Forest School, Asheville, N.C. 1908-1913; at Albany, N.Y. as assistant State botanist 1913-1914 and as State botanist of New York 1914-1949. (*House*).

HERBARIUM and TYPES: Main collections at NYS, NY and US; some further material at the Staten Island Institute of Sciences and Arts (New York 10301).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 208; BL 1: 200, 202, 205, 210, 302; BM 6: 486; Hirsch p. 129; Hortus 3: 1196 ("House"); IF suppl. 3: 211; IH 2: 288; Kew 3: 43-44; Langman p. 377; Lenley p. 231; LS suppl. 12328-12338; MW p. 196; NAF 7: 1070, 28B: 337, ser. 2. 2: 161; NW p. 49; Pennell p. 610; Stevenson p. 1245; Tucker 1: 353; Zander ed. 10, p. 673.

Anon., J. New York bot. Gard. 9: 68. 1908, 12: 132. 1911; Mycologia 4(2): 157. 1912 (fungi coll. 1911 at NY); Torreya 16: 101. 1916.

House, H. D., Bibliography of the botany of New York State 1751-1940, part 1: 1-174. 1941, 2: 175-233. 1942 (New York State Museum Bull. 328, Jan 1942 and 329, Jun 1942. (bibl.)).

Lemon, Bull. Torrey bot. Club. 77(4): 306-307. 1950.

Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 162. 1947.

Murrill, W. A., Hist. found. bot. Florida 18. 1945.

Rickett, H. W., Index Bull. Torrey bot. Club 49. 1955.

3074. *The North American species of the genus Ipomoea* by Homer Doliver House, . . . Submitted in partial fulfillment of the requirements for the degree of doctor of philosophy in the faculty of pure science of Columbia University. [New York 1908]. (*N. Amer. Ipomoea*).
Publ.: 11 May 1908 (cover), p. [i], 181-263. *Copy*: US. – Reprint with original pagination but with special cover from Ann. New York Acad. Sci. 18(6[2]): 181-263. 1908. Contr. Dept. Bot. Columbia Univ. no. 235.

3075. *Woody plants of western North Carolina.* By H. D. House, . . . Biltmore Forest School. Darmstadt (C.F. Wintersche Buchdruckerei) 1913. Oct. (*Woody pl. W. North Carolina*).
Publ.: 1913 (p. 2: 15 Jan 1913), p. [1]-34. *Copy*: US. – Preceded by *Check-list of the woody plants of western North Carolina* (1910) (n.v.).

3076. The University of the State of New York. State museum . . . Memoir 15. *Wild flowers of New York* in two parts . . . Albany (The University of the State of New York) 1918. Qu. (size). (*Wild fl. New York*).

Part 1: 1918 (p. 3: 30 Jan 1918, p. 7: Mai 1918), p. [1]-185, *pl. 1-143* (photogr.).
Part 2: 1918, p. [i-ii], [187]-362, *pl. 144-264* (id.).

Copies: NY, US, USDA. – BL (1: 200) states that publication took place only in 1920.
Reissue: 1934 (n.v.), 1 vol., *Wild Flowers.*

3077. *Annotated list of the ferns and flowering plants of New York State* . . . Albany (The University of the State of New York) 1924. 16-mo. (*List pl. New York*).
Publ.: Sep 1924 (journal publ.: USDA rd. 6 Nov 1924; Torreya 25 Feb 1925), p. [1]-759. *Copies*: L, MICH, MO, NY, US(2), USDA. – New York State Museum Bulletin 254: 5-759. Sep 1924. See also his bibliography l.c. 188: 66-105. 1916 (1917).
Ref.: Taylor, Torreya 25(1): 13-15. 1925.

3078. New York State Museum Handbook 2. New York State Museum . . . *Flora of the Allegheny State Park region* . . . Albany (The University of the State of New York) 1927. (*Fl. Allegheny Park*).
Co-author: William Prindle Alexander (1881-1956) (see New York Times 1 Oct 1956).
Publ.: May 1927 (printers mark), p. [1]-225, *fig. 1-34*. *Copy*: US.

Houstoun, William (1695-1733), British surgeon; studied at Leiden under Boerhaave; with the South Sea Company in C. America and W. Indies (1729-1733). (*Houst.*).

HERBARIUM and TYPES: The Sloane herbarium (BM) contains plants collected by Houstoun, partly acquired through Philip Miller. Houstoun left to Miller "all his papers, drawings and a collection of dried plants." These collections were bought by Banks with the Miller herbarium in 1774 and are now at BM. See Ewan (1970) on a set of Houstoun specimens at San Francisco.

Ref.: Britten, J., J. Bot. 35: 225-234. 1897.
Murray, Hist. Coll. BMNH 156. 1904.
Dandy, J. E., The Sloane herbarium 139-140. 1958.
Ewan, J., Regn. veg. 71: 44-47. 1970.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 275; Barnhart 2: 209; BB p. 156; BM 2: 880; Clokie p. 186; Desmond p. 324; DNB 27: 425; Dryander 3: 187, 321; Henrey 2: 53, 175-176, 177, 180, 221, 262, 722, 3: 61; Hortus 3: 1196 ("Houstoun"); Jackson p. 111; Kew 3: 44; KR p. 308; Langman p. 377; Lasègue p. 21, 356, 450, 504; NI 938; PR 4290 (ed. 1: 4728); Rehder 1: 328; TL.2/see Buddle; Tucker 1: 354.

Berkeley, E. and D. S., John Clayton 63, 173. 1963.
Britten and Baker, J. Bot. 35: 225-234. 1897 (on H's Leguminosae).
Coats, A. M., Quest for plants 332-333. 1969.
Ewan, J. et al., Short hist. bot. U.S. 32. 1969.
Hemsley, W. B., Biol. Centr. Amer. Bot. 4: 118. 1887.
Hindle, Brook, Pursuit Sci. revol.-Amer. 31. 1956.
Hulth, J. M., Bref Skrifv. Linné 2(1): 51-53. 1916.
Johnston, E. D., Doctor William Houstoun, botanist. Savannah 1942, 15 p. (repr. from Georgia hist. Quart. 25(4), 1941).
Jourdan, O., Dict. Sci. méd. 5: 296. 1822.
Pulteney, R., Sketches progr. bot. England 2: 231-234. 1790.
Scott, E. J. L., Index to Sloane manuscripts 264. 1904.
Stafleu, F. A., Intr. Jussieu Gen. Pl. xxxviii. 1964; Linnaeus and the Linnaeans 180. 1971; *in* Jacquin, N. J., Sel. stirp. amer. hist., facs. ed., p. F23. 1971.
Urban, I., Symb. ant. 2: 1. 1900, 3: 62. 1902.

NOTE: Linnaeus frequently refers to Houstoun in the *Hortus cliffortianus* and in the various editions of the *Genera plantarum*. These names occur in unpublished Houstoun notes and engravings, given by P. Miller to Linnaeus in 1736 and entitled *Houstounia genera plantarum americanarum nova communicata per Phil. Millerum, Lond. 1736*, now at The Linnean Society, London. See W. T. Stearn, Intr. facsimile Linnaeus, *Gen. ed. 5* [Weinheim 1960] p. xxi. – Sir Joseph Banks later published *Reliquiae houstounianae* (see no. 3079). Further drawings by Houstoun in P. Miller, *Fig. pl.* (1: pl. xliv) and in J. Martyn, *Hist. pl. rar.* 1728.

HANDWRITING: J. E. Dandy, The Sloane herbarium facsimile no. 45. 1958.

EPONYMY: *Houstonia* [sic] Linnaeus (1753).

3079. *Reliquiae houstounianae*: seu plantarum in America meridionali a Guilielmo Houstoun... collectarum icones manu propria aere incisae; cum descriptionibus e schedis ejusdem in bibliotheca Josephi Banks,... asservatis. Londini 1781. Qu. (*Reliq. houstoun.*).

Publ.: 1781, p. [1]-12, *pl. 1-26*, uncol. copper engr. by Houstoun; original drawings at BM. Copies seem to have become available for distribution by Banks in the middle of 1782. *Copies*: MICH, MO, NY, Teyler, US, USDA.

Nürnberg ed.: *Reliquiae*... Josephi Bancks,... asservatis. Juxta exemplar londinense. Editio in Germania prima. Norimbergae [Nürnberg] (ex officina Raspeana) 1794. Oct. (in fours). *Publ.*: 1794 (Neues Mag. Bot. Apr-Sep 1794), p. [1]-24, *pl. 1-5* (on one), *6-9* (id.), *10-12* (id.), *13-15* (id.), *16-26* (separate pl.), uncol. copper engr. *Copies*: G, M, MO, NY, USDA.

Ref.: Dawson p. 340, 424; GGA 15 Jul 1782; Henrey 856.

Houttuyn, Maarten (1720-1798), Dutch naturalist and physician at Amsterdam. (*Houtt.*).

HERBARIUM and TYPES: L and G? According to Hitchcock (List) the Houttuyn types are at UPS. The basis of this statement is unknown to us. Some Houttuyn material is also at C (herb. Vahl). Merrill failed to locate any specimens either at L or at G. They may be

incorporated, however, in the Burman and van Royen herbaria. Van Steenis and Veldkamp (1973) located four Houttuyn specimens at L.
Ref.: Steenis-Kruseman, M. J. van, Fl. males. Bull. 17: 907. 1962.
v. Steenis and Veldkamp, Blumea 21: 151-152. 1973.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 551; Backer p. 275; Barnhart 2: 209; BM 2: 880-881; Dryander 5: 290; Frank 3(Anh.): 47; GR p. 706; Hortus 3: 1196 ("Houtt."); IF p. 707; Jackson p. 16; JW 2: 193, 3: 355; Kew 3: 44; Lasègue p. 66; Lenley p. 231; LS 12698; MW p. 196; NI 939 (see Nachtrag), 940; PR 4291 (ed. 1: 4729-4730); Quenstedt p. 210-211; Rehder 5: 409; RS p. 88; SBC p. 123 ("Houtt."); SK 1: 248, 8: xlviii; SO 73; TL-2/1130; Tucker 1: 354; Zander ed. 10, p. 673.
Anon., *in* A. Winkler Prins, Geill. Enc. 8: 459. 1885.
Fries, Th. M., Bref och Skrifv. Linné 1(3): 117, 261. 1909.
Hulth, J. M., Bref och Skrifv. Linné 2(1): 306. 1916, 2(2): 232, 233, 238. 1943.
Lütjeharms, W. J., Gesch. Mycol. 242. 1936.
Merrill, E. D., Rhodora 40: 288-293. 1938 (Contr. Gray Herb. no. 122) (on H's overlooked binomials, see below, *Nat. hist.*); J. Arn. Arb. 19: 299-300. 1938, 20: 264-268. 1939.
Nissen, C., Philobiblon 6(9): 337. 1933.
Spiess, E., Abh. naturf. Ges. Nürnberg 8: 182, 185. 1891.
Stafleu, F. A., Linnaeus and the Linnaeans 174-176. 1971.
Stearn, W. T., R. Hort. Soc., Lily Year Book 11: 101-108. 1947 (on *Lilium japonicum* as used by H.).

HANDWRITING: Blumea 21: 152. 1973.

EPONYMY: *Houttuynia* Houttuyn (1780, *nom. rej.*); *Houttuynia* Thunberg (1784, *nom. cons.*).

3080. *Natuurlijke historie* of uitvoerige beschrijving der dieren, planten en mineraalen, volgens het samenstel van den Heer Linnaeus. Met naauwkeurige afbeeldingen. Tweede deels, [Planten], eerste [-viertiende] stuk . . . Te Amsterdam (By de Erven van F. Houttuyn) 1773-1783, 14 parts. Oct. (*Nat. hist.*).
Publ.: This *Natuurlijke Historie* is a Dutch version of Linnaeus, *Syst. Nat.* ed. 12, 1767, enlarged, amended, and provided with coloured plates. The second "part" (tweede deel) dealing with plants, was issued in 14 "stukken" (fascicles). The name of the author appears e.g. on 1: x.

1: 29 Dec 1773 (p. x: 25 Nov 1773), p. [i*-iv*], [i]-x, [1-8], [1]-438, [1-2, ind.], *pl. 1-4.*
2: 17 Aug 1774 (p. viii: 3 Jul 1774), p. [i*], [i]-viii, [1-6], [1]-616, [1-2, err.], *pl. 5-11.*
3: late Dec 1774, p. [i-viii], [1]-688, [1-12, ind.], *pl. 12-17.*
4: 4 Aug 1775, p. [i-x], [1]-564, *pl. 18-23.*
5: 29 Dec 1775, p. [i-viii], [1]-576, *pl. 24-29.*
6: 11 Sep 1776, p. [i-viii], [i]-468, [12], *pl. 30-37.*
7: 11 Jun 1777, p. [i-viii], [1]-832, *pl. 38-44.*
8: 31 Dec 1777, p. [i-viii], [i]-784, *pl. 45-52.*
9: 29 Jul 1778, p. [i-viii], [1]-760, *pl. 53-60.*
10: 16 Jun 1779, p. [i-viii], [1]-828, *pl. 61-69.*
11: 3 Dec 1779, p. [i-viii], [1]-456, [1-29], *pl. 70-76.*
12: 5 Jul 1780, p. [i-x], [1]-558, [1-6], *pl. 77-86.*
13: 31 Mai 1782, p. [i-iv], [1]-616, [1-6], *pl. 87-93.*
14: 20 Oct 1783, p. [i-x], [1]-698, [1-12], *pl. 94-105.*
18: 1773 (p. xxv 20 Mai 1773) Eerste deels, agttiende stuk "De Plantdieren", p. [i*], [i]-xxv, [xxvi-xxix], [1]-226, [ind. P_2-Ss_3]. – This is part 18 of the *first* series, (Dieren).
Copies: BR, HH, NY, U. – *Plates*: Uncoloured copper engr.

Later edition: The *Handleiding* . . . (see below), is actually a new edition of the *Nat. hist.* tweede deel [Planten].

Derde deel (Cryptogams):
1: 1780, [i]-viii, [1-12], [1]-552, *pl. 1-12.*
2: 1782, [i-x], [1]-700, [1-8], *pl. 13-24.*

3: 1782, [i-vi], [1]-638, [1-4], *pl. 25-34.*
4: 1784, [i-viii], [1]-498, *pl. 35-41.*
5: 1785, [i-vi], [1]-360, [1-232], *pl. 42-48.*

Note: See NI 940 and Fuchs (1962) for details on the plates.
Ref.: Merrill, E. D. Rhodora 40: 288-293. 1938 (Contr. Gray Herb. no. 122); J. Arnold Arb. 19: 291-375. 1938 (modern nomenclature!), 20: 264-268. 1939.
Fuchs, H. P., Taxon 11: 41-48. Feb 1962; Fl. males. Bull. 17: 906. 1962 (dates).

3081. *Handleiding tot de plant- en kruidkunde*, benevens een uitvoerige beschrijving der boomen, planten, heesters, kruiden, varens, mossen, bol- en grasplanten, volgens het zamenstel van C. Linnaeus. Nieuwe Uitgave met 105 platen Ie [-XIVe] Deel... te Amsterdam (Lodewijk van Es, ...) s.d. [?1773-1783]. Oct. (*Handl. pl.- kruidk.*).
Publ.: Dates not known. In fact an (extremely rare) title-issue of the *Nat. Hist.*, tweede deel (see no. 3080) on better paper and with exquisitely hand-coloured plates (unsigned copper engravings). Only *copy* analysed by us: BR. – Merrill describes a copy at K (seen by us but not analysed). The t.p.'s do not mention the author, but see e.g. 1: x.

1: [i*-iv*], [i]-x [25 Nov 1773, signed M. Houttuyn], [1-8, cont. pl., 1, h.t.], [1]-438, [1-2, ind.], *pl. 1-4.*
2: [i], [i]-viii [3 Jul 1774], [1-4, cont.; 1, h.t.], [1]-616, [1-2, err.], *pl. 5-11.*
3: [i*], [i-viii], [1]-688, [1-12, ind.], *pl. 12-17.*
4: [i-viii], [1, h. t.], [1]-568, *pl. 18-23.*
5: [i-viii], [1]-576, *pl. 24-29.*
6: [i-viii], [1]-468, [1-12, ind.], *pl. 30-37.*
7: [i-vii]. [1]-832, *pl. 38-44.*
8: [i-viii], [1]-784, *pl. 45-52.*
9: [i-viii], [1]-760, *pl. 53-60.*
10: [i-viii], [i]-628, *pl. 61-69.*
11: [i-viii], [1]-456, [1-29, ind.], *pl. 70-76.*
12: [i-viii], [1, h. t.], [1]-558, [1-6, ind.], *pl. 77-86.*
13: [i-vii], [1]-616, [1-6, ind.], *pl. 87-93.*
14: [i-viii], [1, h. t.], [1]-698, [1-6, Byvoegsel], [1-6, index], [1-2, Nabericht], *pl. 94-105.*

Ref.: Merrill, E. D., J. Arnold Arb. 19: 304-305. 1938 (copy at K).
Junk, Librorum Catalogus 207: 32. 1977 (offers a copy for sale).

3082. *Afbeelding van in- en uitlandsche houten*, zo wel van boomen als heesters, welken door de liefhebbers der natuurlijke historie in hunne naturaliën-cabinetten tot vermaak en nuttigheid, verzameld worden; volgens hunne inwendige hoedanigheid en natuurlijke koleuren, ook met de bygevoegde hollandsche, hoogduitsche, engelsche, fransche en latijnsche benaamingen, in 't licht gegeeven. Te Amsterdam (By Christiaan Sepp, Boekverkooper) 1773. Qu. (*Afb. houten*).
Publ.: 1773 [re-issued 1791] published in parts; engr. t.p., p. [i-xviii], *pl. 1-100*, followed by a supplement, published 1791: suppl. pl. 1-6, p. [i*-iv*, dated 12 Sep 1791], [i]-lviii, 1 chart. *Copy*: NY (has cover of part 1, *pl. 1-30*).
The 1791 reissue also contained a special 1791 t.p. The copy at MO has essentially the same composition, but with a title-page: "*Houtkunde*, behelzende afbeeldingen van meest alle bekende, in- en uitlandsche houten die tot huis- en scheepsbouw, tot schrynwerk, werktuigen en gereedschappen, tot verwstoffen en in de geneeskunde, worden gebruikt:... Te Amsterdam (by Jan Christiaan Sepp, Boekverkooper)" 1791.
Title-pages: Apart from the above mentioned dutch t.p., the book has four other 1773 t.p.'s as follows:
Latin: "*Icones lignorum* exoticorum et nostratium..."
German: "*Abbildung* in- und ausländischer *Höltzer*..."
French: "*Réprésentation des bois* des arbres et arbrisseaux..."
English: "*A representation of* inland and foreign *wood*, ..."
Note: Our information is obviously incomplete. The book seems to be rather rare.
Ref.: Zuchold, E. A., Jahresber. Nat. Ver. Halle 5: 25. 1853 (describes 1791 reissue; dates supplement 1795).

Hovelacque, Maurice Jean Alexandre (1858-1898), French botanist. (*Hovel.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 280; Barnhart 2: 209; BJI 1: 28; BM 2: 881, 6: 487; Bossert p. 183; CSP 13: 506, 15: 958; Kew 3: 44; Quenstedt p. 211; Rehder 5: 409; Tucker 1: 354.
Anon., Bot. Not. 1899: 102; Bull. Soc. Linn. Normandie ser. 5. 3: lxi. 1899.
Bergeron, Bull. Soc. géol. France ser. 3. 26: 384. 1898, 27: 154. 1899.
Bertrand et al., Maurice Hovelacque, s.l.n.d., 64 p. (portr., bibl.), *Copy*: Engler coll. DS.
Corsin, Rev. Palaeobot. Palynol. 7: 156. 1968.
Hua, Bull. Soc. bot. France 45: 252. 1898.

3083. Thèse présentées à la faculté des sciences de Paris pour obtenir le grade de docteur ès sciences naturelles par Maurice Hovelacque. 1re thèse – *Recherches sur l'appareil végétatif des Bignoniacées, Rhinanthacées, Orobanchacées et Utriculariées*. 2. thèse – propositions données par la Faculté. Soutenues le [21] juin devant la commission d'examen... Paris (G. Masson,...) 1888. Oct. (*Rech. Bignoniac.*).
Publ.: 21 Jun 1888 (t.p.; Bot. Zeit. 27 Jul 1888), p. [i-iii], [i]-765, [1], *fig. 1-651*. *Copy*: L.

Hoven, Frederik Johan Jacob Slingsbij van (1815-1879), Dutch army physician and botanist at 's Hertogenbosch (1844), later at Dordrecht; from 1866 at Helvoirt, from 1871-1879 at Vught. (*Hoven*).

HERBARIUM and TYPES: L, NBV.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 433, 670; CSP 3: 448; IH 2: 288; Oudemans p. 253; Rehder 1: 391, 5: xx.

NOTE: F. J. J. Slingsbij van Hoven was born in Rotterdam, 16 Jul 1815, died at Vught (nr. 's Hertogenbosch) 27 Feb 1879; son of Samuel von Hoven and Jacoba Slingsbij (information obtained from the public registrar, Vught, by A. P. M. Sanders). – H. called himself "Officier van Gezondheid [Army physician] der 2de Klasse" in 1848.

EPONYMY: *Hovenia* Thunberg (1781) and *Hoveniphyllum* Nathorst (1888) commemorate David ten Hove (1724-1787), Dutch patrician, member of the municipality of Amsterdam, and promotor of science. He was one of the sponsors of C. P. Thunberg's journey to South Africa, Java and Japan (1772-1776).

3084. *Flora van 's Hertogenbosch*. Of naamlijst van de planten welke in de stad 's Hertogenbosch en omstreken in het wild gevonden worden, met aanwijzing van derzelver groeiplaatsen... Heusden (Augt. Franç^{s}. Guill^{e}. de Pinéda) 1848. Oct. (in fours). (*Fl. Hertogenbosch*).

Orig. ed.: 1848, p. [i*], [i]-iv, [1]-36, [1, err.]. *Copies*: KNAW, L. – Occasional variant spellings of generic names must be considered unintentional.

Facsimile ed. [of ed. 1]: Amsterdam (Backhuys en Meesters) 1974, 300 copies. *Copy*: FAS. – See Taxon 23: 642. 1974.

Ed. 2: 1879, p. [1]-193. *Copies*: KNAW, NBV. – "*Flora van 's Hertogenbosch* of naamlijst van de planten welke in de omstreken van 's Hertogenbosch gevonden worden, met aanwijzing van hare groeiplaatsen door F. J. J. Slingsby van Hoven 2e veel vermeerderde en verbeterde uitgaaf. Leeuwarden (Hugo Suringar) 1879. Duod.
Ref.: Hoven, F. J. J. van, Ned. Kruidk. Arch. 1: 273-279. 1848.

Howe, Clifton Durant (1874-?), American botanist; doctor's degree at Chicago 1904; instructor at Biltmore Forest School from 1905: later at the Faculty of Forestry, University of Toronto; brother of Marshall Avery Howe. (*C. Howe*).

HERBARIUM and TYPES: NY; other material F, GH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 210; Hirsch p. 129; IH 2: 289; Pennell p. 610; Tucker 1: 354.
Rodgers, A. D., Bernard Eduard Fernow 614 [index]. 1951.

3085. *A preliminary list of the hepaticae of Vermont* by Clifton D. Howe, A. B., published by the Botanical Department of the University of Vermont. January, 1899. (*Prelim. list hepat. Vermont*).
Publ.: Jan 1899, p. [1]-10. *Copy*: Steere.

Howe, Elliot Calvin (1829-1899), American botanist, physician and musican, practiced at Charlotteville (N.Y), Yonkers (N.Y.) and Lansingburg (N.Y.). (*E. Howe*).

HERBARIUM and TYPES: MASS, NY, NYS, (C. H. Peck herbarium).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 216, BL 1: 201, 302; CSP 12: 350, 15: 963; IH 2: 289; Lenley p. 232; LS 12711-12714; Stevenson p. 1245.
Hesler, L. R., Biogr. sketches North Amer. mycol. 1975, mss.
House, H. D., Bibl. bot. N.Y. State 1751-1940: 16. 1942.
Kelly, H. A., Some Amer. med. bot. 187-189. 1914 (and 1929) (portr.).
Kelly, H. A. & W. L. Burrage, Amer. med. biogr. 568-569. 1920.
Peck, Bull. Torrey bot. Club 26: 251-253. 1899.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 923. 1963.
Rickett, H. W., Index Bull. Torrey bot. Club 49. 1955.

EPONYMY: *Howeia* Beccari (1877) is named after the Lord Howe Islands, a group belonging to the Solomon Islands.

Howe, Marshall Avery (1867-1936), American botanist; specialist on hepatics, marine algae and dahlias; instructor in cryptogamic botany at Berkeley 1891-1896; curator of the herbarium of Columbia college 1899-1901; Ph. D. Columbia 1898; subsequently curator (1902-1922), assistant director (1923-1935) and director (July 1935) of the New York Botanical Garden. (*M. Howe*).

HERBARIUM and TYPES: NY (32.000); duplicates see IH. *Exsiccatae*: (1) *North American Algae*, collected at San Juan, Porto Rico and the Great Rogged Islands, Bahamas: B, BM, K, L, MIN, NY, PC, UC. (2) *Herb. University of California. Hepaticae californiae* (ca. 1891-1896).
Ref.: Anon., Torreya 15: 270. 1915.
Sayre, Mem. New York Bot. Gard. 19(2): 215-216. 1971, 19(3): 345. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 280; Barnhart 2: 211; BM 2: 882, 6: 489; Bossert p. 184; CSP 15: 965; GR p. 223; Hirsch p. 129; IH 2: 289; Kew 3: 47-48; Langman p. 378; Lenley p. 232-233; LS 34795; MW p. 196; NAF ser. 2. 2: 161; NI 944; NW p. 49; Quenstedt p. 483; SBC p. 123 ("M. A. Howe"); Stevenson p. 1245; TL-2/781, 2192; Urban-Berl. p. 265, 359.
Anon., Rev. bryol. 22: 63. 1895, 23: 80. 1896, 24: 61. 1897, 25: 15, 55, 70. 1898, 26: 85. 1899, 28: 81. 1901, 29: 15. 1902; Bryologist 40(2): 48. 1937; Fern. J. 27(1): 33. 1937; Torreya 37: 22. 1937; J. Bot. 75: 81. 1937; Hedwigia 77: (109). 1938.
Grout, A. J., Bryologist 40(2): 33-36. 1937 (portr.).
Ewan, J. et al., Short hist. bot. U.S. 75, 76, 93, 94. 1969.
Harper et al., Torreya 37: 66-67. 1937.
House, H. D., Bibl. bot. N. Y. State 1751-1940: 37, 38. 1942.
Howe, M. A., J. New York Bot. Gard. 9: 123-130. 1908 (coll. Algae at NY); "How D. Howe does it", Bull. Amer. Dahlia Soc. 7(39): 43-45. 1927 (on his *Dahlia* work).
Koster, J., Taxonon 18: 554. 1969.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 163. 1947.
Millspaugh, C. F., Praenunciae bahamenses 1, Field Mus. Bot. 2(3): 141. 1906. (Coll. Bahamas; see also J. New York Bot. Gard. 5: 129-136, 6: 77-85), 2. ib. 2(7): 290-291. 1909.
Murrill, W. A., Hist. found. bot. Florida 26. 1945.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. P. 479 [index]. 1963.
Rickett, H. W., Index Bull. Torrey bot. Club 50. 1955.

Schuster, R. M., Hep. Anthoc. N. Amer. 1: 59. 1966 (bibl.).
Setchell, W. A., Natl. Acad. Sci. Biogr. Mem. 19(7): 243-269. 1938 (portr., bibl. by J. H. Barnhart; the main biography).
Stout, J. New York Bot. Gard. 28: 25-31. 1937 (portr.).
Urban, I., Symb. ant. 5: 7. 1902.
Verdoorn, F., Ann. bryol. 10: 152. 1937 (portr.).
Vaughan, J. Paleontology 11(4): 368-370. 1937 (with bibl. of papers on Calcareous algae by R. Weikert).
Wood, R. D., Monogr. Charac. 1: 817. 1965 (bibl.).

COMPOSITE WORKS: (1) Editor of *Torreya* vols. 1-8, 1901-1908, then of the *Bulletin of the Torrey Botanical Club* 1908-1936 (editor, later member editorial board). (2) *Ricciaceae*, in NAF 14(1): 9-27. 19 Jan 1923; *Sphaerocarpales*, ib. 14(1): 2-8. 19 Jan 1923 (with C. C. Haynes) (TL-2/781).

3086. *The Anthocerotaceae of North America* . . . [New York] 1898. Oct. (*Anthocerot. N. Amer.*).
Publ.: 25 Jan 1898 (Nat. Nov. Feb(1) 1898), [1]-24, *pl. 321-326. Copy*: NY. – Reprinted from Bull. Torrey bot. Club 25(1): 1-24, *pl. 321-326.* Jan 1898, with special cover. Contributions from the Department of Botany of Columbia University, no. 129.

3087. *The hepaticae and anthocerotes of California* by Marshall Avery Howe submitted in partial fulfillment of the requirements for the degree of doctor of philosophy in the faculty of pure science of Columbia University issued August 5, 1899 [New York]. (*Hepat. Calif.*).
Publ.: 5 Aug 1899 (Nat. Nov. Sep(1) 1899), p. [i-iii], [i]-208, *pl. 88-122*, uncol., by author. *Copies*: G, MO, NY; IDC 7562. – Mem. Torrey Bot. Cl. 7, 1899.
Trade ed.: 5 Aug 1899, p. [1]-208, *pl. 88-122 (id.). Copy*: USDA. – Idem.
Ref.: A. G., J. Bot. 38: 58-59. Feb 1900.

3088. *The marine algae of Peru* . . . [New York] issued September 19, 1914. (*Mar. alg. Peru*).
Publ.: 19 Sep 1914; cover, p. [i], [1]-185, *pl. 1-66. Copy*: US. – Memoirs Torrey bot. Club 15.

Howe, Reginald Heber, Jr. (1875-1932), American cryptogamist, high school teacher at Middlesex School, Concord, Mass., headmaster of the Belmont Hillschool (1923), curator of the Thoreau Museum of Natural History. (*R. Howe*).

HERBARIUM and TYPES: FH (4000); further material at MICH, NY, S. *Exsiccatae*: *Lichenes novae angliae*. Determined and prepared by R. Heber Howe, Jr. Thoreau Museum of Natural History, dec. 1-7, nos. 1-70, Concord, Mass., 1911-1914. Sets at CM, FH, MICH, NY, O, and WELC. – Hawksworth cites mycological material from NY.
Ref.: Sayre, Mem. New York Bot. Gard. 19(1): 135. 1969.
Hawksworth, D. L., Mycol. handb. 183. 1974.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 211; CSP 15: 965; GR p. 191, cat. p. 65; IH 2: 289; Kew 3: 48; KR p. 308; LS 12715-12719, 34787-34796, suppl. 12359-12397; SBC p. 123 ("R. H. Howe"); SO 3509.
Anon., Bryologist 35(1): 16. 1932; J. New York Bot. Gard. 12: 132. 1911.
Ewan, J. et al., Short hist. bot. U.S. 95. 1969.
Philips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 450, 939. 1963.

3089. *Common and conspicuous lichens of New England* a field book for beginners . . . Boston (W. B. Clarke & Company) 1906-1908, 5 parts. (*Lich. N. England*).
Co-author: Marion Appleton Howe (née Barker) (married Reginald Heber Howe 19 Sep 1904 (Barnhart)).

Part 1: 1906 (p. 8: Dec 1905), cover, [3]-22, *2 pl.*
Part 2: 1906, cover, p. [23]-39, *3 pl.*
Part 3: 1906, cover, [41]-55, *3 pl.*
Part 4: 1906, cover, [57]-71, *3 pl.*
Part 5: 1908, cover, [73]-87, *2 pl.*
Copy: FH.

3090. Thèses présentées à la Faculté des Sciences de l'Université de Paris [série no. 60. No. d'ordre 71] pour obtenir le titre de Docteur de l'Université par R. Heber Howe, Jr., . . . 1re Thèse. – *Classification de la famille des Usneaceae dans l'Amérique du Nord.* 2e Thèse. – Propositions données par la Faculté. Soutenues le [6] février 1912 devant la Commission d'examen . . . Paris (J. Mersch) 1912. Oct. (*Classif. Usneac. Amer.*).
Publ.: 6 Feb 1912, p. [1]-31, [32, thèse], *pl. 10*, errata slip. *Copies*: G(2), US, USDA. – *See also*: *A monograph of the North American Usneaceae*, Ann. Rep. Missouri bot. Gard. 23: 133-146, *pl. 7*. 16 Dec 1912 (reprint with special cover and original pagination; *copy*: US).

3091. Memoir of the Thoreau Museum of natural History Middlesex School Concord, Massachusetts. *A monograph of the Usneaceae of the United States and Canada* by R. Heber Howe, Jr. [Concord, Mass., 1914-1915] 2 parts. (*Monogr. Usneac. U.S.*).
Part 1: Mar 1914, cover, p. [1]-25, *pl. 1-5*, maps.
Part 2: Feb 1915, [1]-34, [1-2], *pl. 6-16*, map chart.
Copy: USDA.

Howe, W. E. (x-1891), British geologist and pteridologist at Matlock-Bath. (*W. Howe*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 211; BB p. 157; BM 2: 882; Desmond p. 325; Kew 3: 48; NI 945.

3092. *The ferns of Derbyshire*, illustrated from nature. Edited by W. E. Howe with a preface by the Rev. Gerard Smith, B. A. . . . London (Wertheim, Macintosh, and Hunt. Bemrose and Sons, Derby and Matlock-Bath) 1861. (*Ferns Derbyshire*).
Publ.: 1861 (p. x: 11 Jun 1861), engr. t.p., p. [i]-x, [1], *pl. 1, 1a, 2-22*, with text. *Copy*: NY. – Several further editions were published, ed. 3. 1863; ed. 5. 1865, ed. 6. 1867; "new edition with additions" London (Bemrose and Sons . . .) s.d. [1877], engr.t.p., [i]-xxii, [1], [1-2], *pl.* [*0*], *1-24*, with text, [1, note]. *Copy*: NY.
Ref.: Schlechtendal, Bot. Zeit. 19: 390-391. 27 Dec 1861.

Howell, John Thomas (1903-x), American botanist at the California Academy of Sciences; specialist on the phanerogamic floras of California and the Galapagos Islands. (*J. T. Howell*).

HERBARIUM and TYPES: CAS; duplicates in many herbaria, see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 211; BL 1: 167, 302; Bossert p. 184; GR p. 223-224; Hortus 3: 1196 ("J. T. Howell"); IH2: 289; Kew 3: 48-49; Langman p. 378-379; Lenley p. 233; MW suppl. p. 118; NAF 28B(2): 337, ser. 2. 5: 243; NW p. 49; Roon p. 54.
Ewan, J., Rocky Mountain naturalists 236. 1950.
Fosberg, Taxon 20(2/3): 369. 1971 (rev. *Marin flora*, ed. 2, 1970).
McHoul, L., Fremontia 3(1): 22-23. 1975 (portr.).
Thomas, Contr. Dudley Herb. 5(6): 157. 1961.
Kearney, Leafl. West. Bot. 8: 93, *fig. 3*. 1958 (portr.).
McVaugh, Contr. Univ. Mich. Herb. 9: 249. 1972.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 209. 1963.
Reifschneider, O., Biogr. Nevada bot. 1844-1963: 122-123. 1964 (portr.).
Reveal, J. H. *in* A. Cronquist et al., Intermountain Flora 1: 69-70. 1972 (portr.).

COMPOSITE WORKS: (1) J. T. Howell, P. H. Raven & P. Rubtzoff, *A flora of San Francisco, California.* 1958 (see e.g. Shinners, Taxon 18: 172-173. 1969). (2) Editor, *Leaflets of Western Botany* (1932-x).

EPONYMY: *Howelliella* W. Rothmaler (1954).

3093. *A systematic study of the genus Lessingia* Cham. . . . Berkeley, California (University of California Press) 1929. Oct. (*Syst. study Lessingia*).
Publ.: 5 Aug 1929, p. [1]-44. *Copy*: MO. – Univ. Calif. Publ. Bot. 16(1): 1-44. 1929.

Howell, Thomas Jefferson (1842-1912), American botanist, pioneer of Oregon and of the knowledge of the Northwestern American flora, discovered *Picea Breweriana*. (*Howell*).

HERBARIUM and TYPES: ORE; duplicates in numerous herbaria (*Howell's Pacific Coast Plants*).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 275; Barnhart 2: 211; BL 1: 162, 209, 220, 302; BM 6: 489; Bossert p. 184; CSP 12: 350, 15: 966; DAB 9: 305-306; Hortus 3: 1196 ("T. J. Howell"); IH 2: 289; Kew 3: 49; MW suppl. p. 118; NW p. 49; Rehder 5: 410; Stevenson p. 1245; Tucker 1: 354; Urban-Berl. p. 359; Zander ed. 10, p. 673.
Anon., Bot. Not. 1913: 192; Torreya 13: 40. 1913; The Morning Oregonian 25 Jan 1904.
Ewan, J. et al., Short hist. bot. U.S. 167. 1969.
Greene, E. L., Amer. midl. Naturalist 3: 30-31. 1913.
Hultén, E., Bot. Not. 1940: 310 (Alaska coll.).
Humphrey, Makers N. Amer. Bot. 118-129. 1961.
Lange, Sci. Monthly 77(1): 198-204. 1953 (bibl., portr.).
Piper, C., Contr. U.S. natl. Herb. 11: 18. 1906.
Reveal, J. R., *in* A. Cronquist et al., Intermountain flora 1: 62. 1972.
Rodgers, A. D., Amer. bot. 1873-1892: 330 [index]. 1944.
Sargent, C. S., Silva 12: 52. 1898.
Sayre, G., Mem. New York Bot. Gard. 19(3): 345. 1975.
Smith, Bot. Gaz. 458-460. 1913 (portr.).
Thomas, J., Taxon 25: 217. 1976 (written records at University of Oregon Library).
Watson, S., Bot. California 2: 559. 1880.

EPONYMY: *Howellia* A. Gray (1879, also dedicated to Joseph Howell (1830-1912), probably a brother of Thomas Jefferson Howell. They collected together in Oregon).

3094. *Catalogue of the flora of Oregon, Washington, and Idaho.* [Arthur, Oregon, 1877]. (*Cat. fl. Oregon*).
Publ.: 1877, p. [i], [1]-22, [23]. *Copy*: NY.

3095. *Catalogue of the plants of N. Western America* by Thomas Howell, Sauvie's Island Oregon. s.d. [1883]. Oct. (*Cat. pl. N. W. Amer.*).
Publ.: 24 Aug 1883 (date given by author on presentation copy to Trelease), p. [1]-[23]. *Copies*: MO, USDA.

3096. *A catalogue of the known plants*, (Phaenogamia and Pteridophyta) *of Oregon, Washington, and Idaho*, . . . Arthur, Oregon. 1887. Oct. (*Cat. pl. Oregon*).
Publ.: 15 Feb 1887 (p. iii: 15 Feb 1887; Nat. Nov. Mai 1887; Bot. Gaz. Apr 1887; TBC Apr 1887; Bot. Zeit. 28 Oct 1887), p. [i, iii], [1]-28. *Copies*: MO, USDA. Preceded by *Catalogue of the Flora of Oregon, Washington and Idaho*, Arthur, Oregon 1877. See no. 3094.

3097. *A flora of northwest America.* Containing brief descriptions of all the known indigenous and naturalized plants growing without cultivation north of California, west of Utah, and south of British Columbia . . . Portland, Ore. (author) 1897-1903. 1 vol. Oct. †. (*Fl. N. W. Amer.*).

fasc.	pages	dates	fasc.	pages	dates
1	[i-ii], [1]-112	15 Mar 1897	5	[i], 475-562	20 Nov 1901
2	[i], 113-274	1 Apr 1898	6	[i], 563-666	20 Jul 1902
3	[i], [275]-386	21 Aug 1900	7	[i], 667-792	10 Aug 1903
4	[i], 387-474	21 Mar 1901	Index	[1-26]	1903

Copies: MO, NY, US(2), USDA. – Portland, Oregon had no type setter "who could set the type for such a book, and Mr. Howell learned the trade and set the type himself. . ." (Rydberg). The Hitchcock copy at US has a volume 1 t.p. with "A flora of northwhst [sic] America," all other copies seen by us lack this general t.p. for vol. 1. This original t.p. also did not include the base line statement "Entered according to Act of Congress . . ." The dates are those given on the t.p.'s. Fasc. 3 was received at Washington D.C., on 25 Jul 1900. For an

account of the troublesome history of the publishing of the book and E. L. Greene's financial and moral support see Lange (1955). Number of copies printed: 1000. The Howell-Greene correspondence is at Notre Dame (ND). See also the Portland *Morning Oregonian* of 25 Jan 1904 ("Work of a life time").
Facsimile ed.: FL-9490 Vaduz 1977. J. Cramer, in der A.R. Gantner Verlag Kommanditgesellschaft, ISBN 3-7682-1170-3, p. [i-ii, t.p. and colophon reprint], followed by facsimile including the t.p.'s of the various parts. *Copy*: FAS. – See Taxon 27(1): 109. 1978.
Ref.: P. A. R(ydberg), Bull. Torrey Bot. Club 24: 360-362. 1897, Torreya 4: 70-72. 1904.
Harshberger, J. W., Phytogr. survey North America 80. 1911 (Veget. Erde 13).
Thompson, Leaflets western Bot. 1: 183. 1935 (dates).
Lange, Madrõno 13: 1-4. 1955 (on the role of E. L. Greene in publishing the book).

Howie, Charles (1811-1899), Scottish bryologist, nurseryman and seedsman, of St. Andrews. (*Howie*).

HERBARIUM and TYPES: BM, E. *Exsiccatae*: *Mosses of Fifeshire* (e.g. at OXF). Desmond states: "Herb. at St. Andrews" (STA).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 212; BB p. 157; BM 2: 882; Clokie p. 187; CSP 3: 451, 7: 1024, 10: 280, 15: 967; Desmond p. 326; IH 2: 289; Kew 3: 49; Rehder 5: 410.
Howie and Jenner, Trans. bot. Soc. Edinb. 9: 257-265. 1867.
Sayre, Mem. New York Bot. Gard. 19(3): 345-346. 1975.

3098. *The moss flora of Fife and Kinross*. Cupar (Printed in the Fifeshire Journal office). s.d. [1889]. Oct. (*Moss fl. Fife*).
Publ.: Mai 1889 (author's ded. to Druce in copy Steere), p. [i, iii], [1]-116, [1, abbr.], [1-2, subscr.]. *Copies*: G, Steere. – For early publications on Fifeshire mosses see Phytologist 2: 483-5. 1858, 3: 212-216. 1859; and Trans. bot. Soc. Edinburgh 9: 312-316. 1868, 10: 67-71. 1870, see also 20: 39-40. 1896.

Howitt, Godfrey (1800-1873), British physician (M. D. Edinburgh) at Leicester and Nottingham; to Australia 1839, practicing at Melbourne until 1869. (*Howitt*).

HERBARIUM and TYPES: Melbourne University rd. H's entomological coll. and library. *Exsiccatae*: *Muscologia Nottinghamiensis*: or, a collection of mosses, found chiefly in the neighbourhood of Nottingham: arranged in fasciculi, with descriptions and occasional remarks. Fasc. 1-3, nos. 1-24, Nottingham (Bennett) 1883, issued together with William Valentine (x-1884). Set at BM.
Ref.: Sayre, G., Mem. New York Bot. Gard. 19(2): 216. 1971.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 212; BB p. 157; BL 2: 262, 670; BM 2: 882; Desmond p. 326; GR p. 373, cat. p. 65; HR; Jackson p. 258; Kew 3: 50; LS 12725; PR 4295-4296; Rehder 5: 410.
Hawksworth, D. L. & M. R. D. Seaward, Lichenol. Brit. Isl. 14, 98. 1977.
Horwood, A. R. and C. W. F. Noel, Fl. Leicestershire and Rutland ccvii. 1933.
Howitt, M. E. B., Victorian hist. Mag. 3: 1-24. 1913 (portr.).
Howitt, R. C. L. & B. M., A flora of Nottinghamshire 16-17. 1963.
Serle, P., Dict. Austral. biogr. 1: 457. 1949.
Spalding, D. A. E., Sorby Record 2(4): 7. 1967 (n.v.).

3099. *The Nottinghamshire Flora*. London 1839. Oct. (*Nottinghamshire Fl.*).
Publ.: 1839, 124 p., map, (n.v.), copy at K. – "A flora of Nottinghamshire" was published privately in 1963 by R.C.L. and B. M. Howitt. *Copies*: MICH, MO, USDA; p. [i]-[vii], [1]-252, map.

Howse, Richard (1821-1901), British palaeontologist; high school teacher at South Shields; curator of the Hancock Museum at Newcastle-upon-Tyne. (*Howse*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 281; Barnhart 2: 212; BM 2: 883; CSP 3: 451-452, 7: 1024-1025; 10: 281, 15: 969; Desmond p. 326; Quenstedt p. 211-212.
Anon., Nature 63: 499. 1901.
Lebour, G. A., Geol. Magaz. N. S., dec. 4. 8: 382-384. 1901.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 567. 1963.

3100. *A catalogue of fossil plants from the Hutton collection*, presented by the Council of the Mining Institute to the Natural History Society, 1883 . . . Newcastle-upon-Tyne (printed by J. Bell and Co., . . .) 1888. Oct. (*Cat. Hutton coll.*).
Publ.: 1888, p. [1]-135, *pl. 1-6, fig. 1-8. Copy*: USGS. – Reprinted from Natural History Transactions of Northumberland, Durham, and Newcastle-upon-Tyne, 10: 19-151. 1888.

Hoyer, Carl [Karl] August Heinrich (*fl.* 1838), German botanist and pharmacist at Rinteln. (*Hoyer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 883; Kew 3: 50; PR 4297 (ed. 1: 4733-4734); Rehder 5: 410.
Drude, O., Hercyn. Florenbez. 7. 1902 (Veg. Erde 6).

3101. *Flora der Grafschaft Schaumburg* und er Umgegend, mit besonderer Rücksicht auf Arzneikunde, den Haushalt, die Landwirthschaft und die Gewerbe bearbeitet von C. A. H. Hoyer, . . . Rinteln (Druck und Verlag von C. Bösendahl) 1838. Oct. (*Fl. Schaumburg*).
Publ.: 1838 (Flora 28 Mai 1839), p. [i]-iv, [1]-512, [1, err.], [i]-xxxiv, index. *Copy*: HBG.
Ref.: Flora 22: 320. 1839.

Hu, Hsen-hu (1894-1968), Chinese botanist; director of the Fan memorial institute of Biology; president National Chung-cheng University; later at the Institute of botany of the Academia sinica, Peking; specialist on the woody flora of China, especially of Yunnan. (*Hu*).

HERBARIUM and TYPES: PE; further coll. from Che-kiang and Kiang-si at A, B, K, NY, P, S.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 281; Barnhart 2: 213 (orig. inf.); Bossert p. 185; Hortus 3: 1196 ("H. H. Hu"); IF suppl. 3: 211; IH 2: 290; Kew 3: 52-53; Lenley p. 233; LS suppl. 12443; MW p. 197-198, suppl. p. 120-122; NI 946-947; Roon p. 54; TL-2/1104; Zander ed. 10, p. 673.
Ewan, J. et al., Short hist. bot. U.S. 123. 1969.
Hirsch, G. C., Index biol. p. 130. 1928.
Rosse, Int. Dendrol. Soc. Year Book 1970: 7-11. 1971 (on Hu's expeditions of 1937-1940).
Schuster, C. & W. Schweitz, Generalregister Bot. Jahrb. 2(31-56): 80. 1938.

EPONYMY: *Huthamnus* Y. Tsiang (1939).

NOTE: We are endebted to Dr. Tang Yen-chen, of Peking, for communicating to us the year of death of H. H. Hu. Other details were taken from a personal communication by Hu to the senior author (1958).

3102. *Icones plantarum sinicarum* edited by Hsen-hsu Hu, . . . and Woon-young Chun, . . . (1-2: Shanghai, published by the Commercial Press, Ltd.; 2-5: Peiping [Peking] (published by the Fan memorial institute of biology) 1927-1937, 5 fasc. Fol. (*Icon. pl. sin.*).

Co-author: Woon-young Chun (1894-x).
1: Feb 1927, p. [i-x], 1-50, *pl. 1-50.*
2: Aug 1928, p. [i-x], 1-50, *pl. 51-100.*
3: Jan 1933, p. [i-viii], 1-50, *pl. 101-150.*
4: Mai 1935, p. [i-viii], 1-50, *pl. 151-200.*
5: Mai 1937, p. [i-viii], 1-50, *pl. 201-250.*

Copies: U, USDA.

Hua, Henri (1861-1919), French botanist at the École des Hautes-Études and Laboratoire de Phanérogamie du Muséum d'histoire naturelle, Paris. (*Hua*).

HERBARIUM and TYPES: P.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 213; BL 1: 30, 62, 302; BM 6: 490; CSP 15: 971-972; IH 2: 290; Kew 3: 53; MW p. 199; Rehder 5: 410; Tucker 1: 355, 776.
Bonaparte, Bull. Soc. bot. France 66: 149. 1919.
Wittrock, Acta Horti Berg. 3(3): 104, *pl. 143*, 1905 (portr.).

EPONYMY: *Hua* Pierre ex De Wildeman (1906).

Hubbard, Charles Edward (1900-x), British botanist at Kew. (*Hubb.*).

HERBARIUM and TYPES: K. – *Exsiccatae*; *Gramineae britannicae exsiccatae ex herbario kewensi distributae.*

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 213; Bossert p. 185; Hortus 3: 1196 ("C. E. Hubb."); IH 2: 290; Kew 3: 53-55; Langman p. 380; Lenley p. 233; MW p. 199; Roon p. 54; SO 2853; Zander ed. 10, p. 673.
Anon., Gard. Chron. 161: 4. 1967 (portr.); Nature 209: 245. 1966; Proc. Linn. Soc. London 179: 135. 1968.
Hepper, F. N., AETFAT Bull. 17: 23. 1966.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 163. 1947.

COMPOSITE WORKS: Oliver, *Flora of tropical Africa*: *Gramineae* 10(1): [1]-192. 21 Mai 1937.

EPONYMY: *Hubbardia* Bor (1950).

3103. *East African pasture plants.* I(II). East African grasses . . . Published for the Colonies, 4, Millbank, London S. W. s.d. [1926-1928]. (*E. Afr. pasture pl.*).

Part 1: 1926 (p. [3]: Jan 1926), p. [1]-55, [56, ind.], *fig. 1-28.*
Part 2: early 1928 (p. 3: Aug 1927, US rd. 10 Mar 1928), p. [1]-55, [56, ind.], *fig. 29-58.*
Copy: US. – The name of the author of the text, Hubbard, is given in the preface; the drawings are by W. E. Trevithick.

Huber, Jakob ("Jacques") E. (1867-1914). Swiss (Schaffhausen) botanist, who settled at Belém, Pará (Brazil) in 1905 and developed the Museu Goeldi (Museu Paraense); explorer of the Amazon region (1894-1904). (*Huber*).

HERBARIUM and TYPES: MG; duplicated in many herbaria, e.g. B, BM, F, G, H, IAN, MO, NY, P, PC, US, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 214; BFM 3074; BL 1: 241, 257, 302; BM 6: 490; Bossert p. 185; IH 2: 290; Kew 3: 55; LS 12735-12735a; Moebius p. 83; NI 948; Rehder 3: 232, 5: 410; Tucker 1: 355, 776; Urban-Berl. p. 277, 359.
Anon., Gard. Chron. 1914: 260; Amer. J. Sci. 187: 566. 1914.
Beauverd, G., Le docteur Jacques Huber 1867-1914 [Genève 1914], 10 p., repr. from Bull. Soc. bot. Genève ser. 2. 6: 91-100. 1914 (bibl.; itineraries, portr.).
Briquet, J., Bull. Soc. bot. Suisse 50a: 273-277. 1940 (bibl.; personal souvenirs).
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Hosseus, C. G., Alg. bot. Z. 20(6): 91. 1914.
Schultes, R. E., Bot. Rev. 36: 256-257. 1970; Regn. veg. 71: 275-276. 1970 (portr.).
Urban, I., Fl. bras. 1(1): 33-34. 1906 (itin.).

EPONYMY: *Huberodaphne* Ducke (1925); *Huberodendron* Ducke (1935); *Jacqueshuberia* Ducke (1922).

3104. *Contributions à la connaissance des Chaetophorées* épiphytes et endophytes et de leurs affinités. Thèse présentée à la faculté de philosophie de l'Université de Bale pour obtenir le grade de docteur par Jacques Huber, de Bâle... Paris (G. Masson, éditeur...) 1893. Oct. (*Contr. Chaetoph.*).
Publ.: 1893 (Bot. Zeit. 1 Jun 1894), p. [i-iv], [265]-359, *pl. 8-18* (partly col.). *Copy*: G. – Ann. Sci. nat. Bot. 16: [265]-359, *pl. 8-18.*

3105. *Materiaes para a flora amazonica* [Pará, Brazil (Boletim do Museu Goeldi)], 7 parts, 1898-1909. (*Mat. fl. amaz.*).
Publ.: A series of papers published in the Boletim do Museu Goeldi vols. 2-5, 1898-1909, some of which were also issued as reprints with independent pagination.

part	*Boletim Museu Goeldi*	reprint
1	2; 288-321. Jun 1898 (p. 321: Mar 1898)	
2	2: 496-514. Dec 1898	
3	3: 60-64. Feb 1900	
4	3: 237-240. Aug 1901, by Casimir de Candolle	
5	3: 400-446. Dec 1902	[1]-47, map, Dec 1902
6	4: 510-619. Mai 1906	[1]-110, Aug 1905
7	5: 294-436. Mar 1909	[1]-143, Jan 1909

Copies reprints: HH, NY.

3106. *Arboretum amazonicum.* Iconographia dos mais importantes vegetaes espontaneos e culturados da região amazonica... Iconographie des plantes spontanées et cultivées les plus importantes de la région amazonienne... Pará (Museu paraense de historia natural e ethnographia) 1900-1906, 4 dec. (*Arbor. amaz.*).

Dec. 1: 1900, cover, *pl. 1-10* with each 1 p. text.
Dec. 2: 1900 (Nat. Nov. Dec(2) 1901), cover, *pl. 11-20*, id.
Dec. 3: 1906, cover, [i-vii], *pl. 21-30*, id.
Dec. 4: Jan-Feb 1906 (Nat. Nov. Mar(2) 1906), cover, *pl. 31-40*, id.

Copies: HBG, MICH, MO, US, USDA.
Ref.: Solms, Bot. Zeit. 59(2): 346-347. 1901 (1,2); 64(2): 166-167. 1 Jun 1906 (3,4).

Huber, Johann Christoph(er) (1830-1913), German physician, entomologist and botanist at Memmingen (Schwaben, Bayern). (*J. C. Huber*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 214; BM 2: 884; Dryander 3: 45, 547, 4: 195; Hortus 3: 1196 ("J. Huber"); LS 12734; PR 4300 (ed. 1: 4741); Rehder 5: 410.

3107. *Uebersicht der Flora von Memmingen.* Herausgegeben von J. Ch. Huber,... und J. Rehm,... Memmingen 1860. Oct. (*Uebers. Fl. Memmingen*).
Co-author: J. Rehm, Apotheker.
Publ.: 1860, p. [i]-xl, [1]-80. *Copy*: M.

Hudson, William (1730-1793), British apothecary, horticulturist and botanist in London, early adherent of the Linnaean system, one of the founders of the Linnean Society, praefectus and praelector Chelsea Physic Garden 1765-1771. (*Huds.*).

HERBARIUM and TYPES: For the location of Hudson's algae see Dixon (1959). Most of the specimens collected by or identified by Hudson now in various herbaria (BM, CGE, E, K, LINN, UPS, in herb. Thunberg) are probably not those on which Hudson's original descriptions were based. Dixon assumes that the original herbarium was indeed totally lost when Hudson's house was destroyed by fire in 1783, caused "by the villany of a confidential

servant" who burnt down the house to obtain a big sum of cash money kept there temporarily (J. E. Smith). The main part of the remaining Phanerogams is at BM.

Ref.: Druce, G. C., Fl. Berkshire cxxxvii-cxxxix. 1897 (herbarium to BM via Apothecaries Company).
Dandy, J. E., The Sloane herbarium 141. 1958.
Dixon, P., Brit. phycol. Bull. 7: 36-39. 1959.
Miller, H. S., Taxon 19: 526. 1970 (Hudson material in Lambert herb.)

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 84; Barnhart 2: 215; BB p. 157-158; BM 2: 885; Dawson p. 192, 343, 351, 849; Desmond p. 327; DNB 28: 155; Dryander 3: 131; DSB 6: 538-539; Frank 3(Anh.): 47; GR p. 373, cat. p. 65; Henrey 2: 55, 61, 64, 65, 89, 90, 109-111, 112, 113,116, 138, 184, 299, 652, 653, 722, 723, 3: 62; Hortus 3: 1196 ("Huds."); IF p. 707; Jackson p. 233; Kew 3: 57; Langman p. 380; LS 12738; Plesch p. 271; PR 4303 (ed. 1: 4744); Rehder 1: 395; SBC p. 123 ("Huds."); SO add. 643, 643b, 643c, 643d; Stevenson p. 1245; Tucker 1: 356; Zander ed. 10, p. 673.
Curtis, William Curtis 138 [index]. 1941.
Druce, G. C., Fl. Northamptonshire lxxv. 1930.
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Green, J. R., Hist. bot. U.K. 231-233. 1914.
Hamilton Davey, F., Fl. Cornwall xxxiii-xxxiv. 1909.
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Koster, J., Taxon 18: 554.1969.
Martin, W. K. & G. T. Fraser, Fl. Devon 770. 1939.
O., Dict. Sci. méd. 5: 308. 1822.
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Pulteney, R., Sketches progr. bot. England 2: 351-352. 1790.
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Smith, J. E., Trans. Linn. Soc. 4: 278-279. 1798; *in* Rees, Cycl. vol. 18. 1811.
Stafleu, F. A., Linnaeus and the Linnaeans 109, 199, 201, 203, 207. 1971.
Trimen, H. and W. T. T. Dyer, Fl. Middlesex 392. 1869.
White, J. W., Fl. Bristol 62-63. 1872.
Womersley, H. B. S., Austr. J. mar. freshwater Res. 7(3): 347. 1956 (on algae types).

HANDWRITING: Candollea 30: 403-404. 1975.

EPONYMY: *Hudsonia* Linnaeus (1767); *Hudsonia* A. Robinson ex Lunau (1814).

3108. Guleilmi Hudsoni... *Flora anglica*, exhibens plantas per regnum angliae sponte crescentes, distributas secundum systema sexuale: cum differentiis specierum, synonymis auctorum, nominibus incolarum, solo locorum, tempore florendi, officinalibus pharmacopoeorum. Londini (impensis auctoris... apud J. Nourse... et C. Moran) 1762. Oct. (*Fl. angl.*).

Ed. 1: Jan-Jun 1762, p. [i]-viii, [1-8], 1-506, [1-22, ind.]. *Copies*: G, MICH, MO, NY, Stevenson, US, USDA.

Ed. 2: 1778, "... *Flora anglica;* exhibens plantas per regnum britanniae sponte crescentes... editio altera, emendata et aucta." Londini (impensis auctoris: prostant venales apud J. Nourse, ...) Oct., 2 vols.
Vol. 1: 1778, p. [i*, iii*], i-xxxviii, [1, err.], 1-334.
Vol. 2: 1778, p. [i], 335-690.
Copies: B, MICH, MO, NY, Stevenson, U, US, USDA.

Ed. 3: 1798, London (printed for R. Faulder, Wm. Otridge and Son; R. Lea, E. Jeffery; Ogilvie and Son; J. Cuthell; Lackington, Allen and Co. Vernor and Hood; J. Walker; and J. Nunn). Oct., p. [i*-iii*], i-iv, i-xxxii, 1-688. *Copies*: B, BR, MICH, MO, NY, US, USDA.

Note: PR. ed. 1, no. 11563 mentions a *Flora anglica ou flore angloise, contenant les plantes qui croissent naturellement en Angleterre*. London 1764. Oct., published anonymously (n.v.). The J. hebd. Libr. of 17 Mar 1764 mentions this same book as having been published in the preceding week. A French translation of Hudson's *Flora anglica?*

Ref.: Henrey 858-860; IDC 5970; RS p. 89; SK 1: clxxxix; Sotheby no. 372 (collation).
Kuntze, O., Rev. gen. 1: cxxxi. 1891.
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Hue, Auguste-Marie (1840-1917), French clergyman and lichenologist, "précepteur" at Canisy (Manche), later "aumônier des Petites-Soeurs" at Levallois-Perret. (*Hue*).

HERBARIUM and TYPES: NTM and PC. – See also under Harmand.
Ref.: Camus, Bull. Soc. bot. France 65: 70. 1918 (leaves Hue's herb. and library to PC).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 215; BM 2: 185, 6: 491; Bossert p. 185; CSP 15: 978; GR p. 283, *pl.* [30], cat. p. 65; IH 2: 290; Kew 3: 57; Lasègue p. 142; LS 12739-12780, 34803-34823, suppl. 12488-12504; MW p. 199; Saccardo 1: 90, 2: 59; SBC p. 123 ("Hue").
Anon., Rev. bryol. 27: 32. 1900 (prix Desmazières).
Bois, Bull. Soc. bot. France 64: 126. 1917.
Merrill, Contr. U.S. natl. Herb. 30(1): 163-164. 1947.

EPONYMY: *Huea* C. Dodge & G. E. Baker (1938); *Hueella* A. Zahlbruckner (1926).

3109. *Addenda nova ad lichenographiam europaeam* exposuit in Flora ratisbonensi Dr. W. Nylander in ordine vero systematico disposuit A. Hue rothomagensis sacerdos... Paris (Lechevallier,...), Berlin (R. Friedlander et Sohn), Auch (Imprimerie et lithographie G. Foix,...) 1886. Oct. (*Add. nov. lichenogr. eur.*).
[*Part 1*:] 1886, p. [1]-126.
[*Part 2*:] 1888, p. [127]-371 (Bot. Zeit. 27 Jul 1888).
Copies: FH, L, NY, Stevenson. – Reprinted from Revue de botanique 4: 339-384. Jul[?] 1886, 5: 1-125. Aug 1887, 6: 5-192. Jan 1888.

3110. *Lichens de Canisy* (Manche) et des environs... Paris (J. Mersch, imprimeur) 1890-1892, 2 parts. Oct. (*Lich. Canisy*).

1: Jan-Aug 1890 (in journal; cover of reprint dated 1890; Nat. Nov. Jun(2) 1891), p. [1]-48. *Copy*: FH. – Reprinted from J. Bot., Paris 4: 35-40. 16 Jan; 92-94. 1 Mar; 126-128. 16 Mar; 154-158. 16 Apr; 212-220. 1 Jun; 263-268. 16 Jul; 275-284. 1 Aug; 295-299. 16 Aug 1890.
2: 1891-1892 (in journal; Nat. Nov. Jun(2) 1891), p. [49]-154. *Copy*: FH. – Up to p. 141 reprinted from J. Bot., Paris 5: 183-184, 199-204, 221-224, 255-264, 277-280, 290-296, 330-336, 366-372. 1891; 6: 167-172, 244-252, 267-271, 298-304, 341-347, 428-432, 451-456, 485-496 [= p. 141, dated 26 Mai 1892]. 1892.

3111. *Les Pertusaria de la flore française* par M. L'abbé Hue. Paris (Imprimeries réunies,...) 1890. Oct. (*Pertusaria fl. franç.*).
Publ.: Jun 1890 (Bot. Zeit. 4 Jul 1890, article dated 1 Jun 1890), cover (with title-page), [1]-27. *Copy*: L. – Reprinted from Bull. Soc. bot. France 37: 83-109. Jun 1890.

3112. A. M. Hue rothomagensis sacerdos. *Lichenes exotici* a professore W. Nylander descripti vel recogniti et in herbario musei parisiensis pro maxima parte asservati in ordine systematico dispositi sunt. Parisiis (apud G. Masson,...) 1892. Qu. (*Lich. exot.*).
Publ.: 1890-1892, p. [i-iii], [1]-378. *Copies*: MICH, NY, MO, USDA. – Reprinted from Nouv. Arch. Mus. Hist. Nat. Paris ser. 3. 2: 209-322. 1890, 3: 33-192. Jun-Oct 1891, 4: 103-210. 1892.
Ref.: Stizenberger, Flora 77: 43-45. 21 Feb 1893.

3113. *Physma* unum e familiae collemacearum generibus morphologice et anatomice descripsit A. Hue. Caen (Imprimerie E. Lanier,...) 1906. Oct. (*Physma*).
Publ.: 1906, cover, p. [1]-19. *Copy*: L. – Reprinted from Bull. Soc. Linn. Normandie ser. 5. 9., 1905.

3114. *Heppiarum* ultimae e familiae collemacearum tribubus nonnullas *species* morphologice et anatomice elaboravit A. Hue. Cherbourg (Imprimerie Émile Le Maout) 1907. Oct. (*Heppiar. sp.*).

Publ.: 1907, p. [i, iii], [i]-44. *Copy*: L. – Reprinted from Mém. Soc. natl. Sci. nat. math. Cherbourg 36, 1907.

3115. *Quatuor lichenum exoticorum genera* elaboravit A. Hue. Caen (Imprimerie E. Lanier, . . .) 1908. Oct. (*Quat. lich. gen.*).
Publ.: 1908 (date on cover), p. [1]-35. *Copy*: L. – Reprinted from Bull. Soc. Linn. Normandie ser. 6. 1, 1907 (1908).

3116. Ouvrage publié sous les auspices . . . *Expédition antarctique* française (1903-1905) commandée par le Dr. Jean Charcot Sciences naturelles: documents scientifiques *botanique* lichens par M. l'abbé Hue. Diatomacées par M. Petit. Paris (Masson et Cie, . . .) s.d. [1908]. Qu. (*Expéd. antarct., bot.*).
Co-author: Paul Charles Michel Petit (1834-1913).
Publ.: Aug-Oct (cover p. 3: 1908; Farlow copy rd. 4 Nov 1908), p. [i-iv], [1]-17. *Copy*: L.

3117. *Monographiam generis Solorinae* Ach. morphologice et anatomice addito de genere Psoromaria Nyl. appendice, condidit A. Hue. Cherbourg (Imprimerie Émile Le Maout) 1911. Oct. (*Monogr. Solorin.*).
Publ.: 1911, cover [t.p.], [1]-56. *Copy*: L. – Reprinted from Mém. Soc. natl. Sci. nat. Cherbourg 38, 1911.

3118. *Lichenes* morphologice et anatomice disposuit A. M. Hue. Parisiis [Paris] (apud Masson et Socios, editores) [1906-] 1912. Qu.
Publ.: A set of reprints of articles previously published in the *Nouvelles Archives du Muséum d'Histoire naturelle*, provided with a half-title and t.p. [i], [iii]. The articles are reproduced with original pagination (*Copy*: G):
ser. 4. 8(2): [237[-272, *fig. 1-16*. 1906.
ser. 4. 10(2): [169]-224, *fig. 17-30*. 1908.
ser. 5. 1(2): [111]-166, *fig. 31-38*. 1909.
ser. 5. 2(1): [1]-120, *fig. 39-51*. 1910.
ser. 5. 3(2): [133]-198, *fig. 52-59*. 1911, publ. 1912 (rd. US 25 Sep 1912).
ser. 5. 4(1): [1]-52, *fig. 60-64*. 1912 (rd. US 4 Sep 1913).

3119. Ouvrage publié sous les auspices . . . *Deuxième expédition antarctique* française (1908-1910) commandée par le Dr. Jean Charcot. Sciences naturelles: documents scientifiques. *Lichens* par M. l'abbé Hue. Paris (Masson et Cie, . . .) 1915. Qu. (*Deux. expéd. antarct., bot.*).
Publ.: 1915 (p. 6: 15 Mai 1914), p. [i-iv], [1]-202. *Copies*: FH, L, Stevenson.

Hübener, Johann Wilhelm Peter (1807-1847), German bryologist; collected in Norway (1828) for the Esslingen Reiseverein, from then on "Privatgelehrter" in Hamburg. (*Hueb.*).

HERBARIUM and TYPES: LZ (destroyed); material at BM, FB, HEID and STR (fide Sayre). – *Exsiccatae*: (1) *Deutschlands Laubmoose* in getrockneten Exemplaren fasc. 1, nos. 1-25, Mainz (Kupferberg) 1839, sets at FH, G, PC.
(2) *Deutschlands Lebermoose* in getrockneten Exemplaren fasc. 1-5, nos. 1-125, Mainz (Kupferberg) 1836-1839, fasc. 1-4 by H. and Carl Friedrich Ferdinand Genth (1810-1837), fasc. 5 by H. alone. Sets at B, BR, CGE, FH, FR, G, GJO, H, HAL, IBF, KIEL, L, LD, LE, PC, S, TO, W.
Ref.: Sayre, Mem. New York Bot. Gard. 19(2): 216-217. 1971; Bryologist 80: 510. 1977 (1978).

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Anon., Bot. Zeit. 5: 263. 1847; Flora 30: 280. 1847; Lexikon Hamb. Schriftst. 3: 410. 1857 (fide Baur; bibl.).
Baur, Jahrb. Gesch. oberdeut. Reichst. 16: 251. 1970.
Fischer-Benzon, *in* P. Prahl, Krit. Fl. Schleswig-Holstein 2: 26. 1890.
Hoppe, D. H., Flora 15: 96, 304. 1832.

3120. *Muscologia germanica* oder Beschreibung der deutschen Laubmoose. Im erweiterten Umfange nach dem jetzigen Stande der Wissenschaft, nebst Erörterung der Standörter und ihrer Entdecker, der Synonyme seit Hoffmann und Roth, mit erläuternden Anmerkungen... Leipzig (bei Friedrich Hofmeister) 1833. Oct. (*Muscol. germ.*).
Publ.: 1833 (p. xiii: 1 Nov 1832), p. [i]-xviii, [1]-722, [1-3, errata]. *Copies*: G, L, MO, NY. USDA; IDC 5067.
Ref.: Anon., Lit. Ber. Flora 6: 1-29. 1836.

3121. *Hepaticologia germanica* oder Beschreibung der deutschen Lebermoose. Im erweiterten Umfange nach dem jetzigen Stande der Wissenschaft, nebst Erörterung der Standörter und ihrer Entdecker, kritisch und mit erläuternden Anmerkungen... Mannheim (Schwan- und Götz'sche Hofbuchhandlung) 1834. Oct. (*Hepaticol. germ.*).
Orig. ed.: Apr. 1834 (p. viii*: 1 Jan 1834), p.[i*-xii*], [i]-lxiv, [1]-314, [1-2, errata]. *Copies*: G, L, NY; IDC 2327.
"*Neue billige Ausgabe*": Mannheim (id.) 1850. Oct, p. [i*-xii*], [i]-lxiv, [1]-314, [2, errata]. *Copy*: G. – A simple reissue.

3122. *Flora der Umgegend von Hamburg*, städtischen Gebietes, Holstein-Lauenburgischen und Lüneburgischen Antheils, enthaltend die Gewächse welche in diesem Bezirke wild wachsen oder zu ökonomischen und technische Bedarf gebaut werden,... Hamburg (Joh. Aug. Meissner), Leipzig (Julius E. Richter) 1846. Oct. (*Fl. Hamburg*).
Publ.: Sep 1846 (p. xii: Mai 1846; Flora 21 Sep 1846 "soeben") p. [i]-xliv, [1]-523. *Copies*: G, HBG, L, NY.
Ref.: Schlechtendal, Bot. Zeit. 4: 710-711. 9 Oct 1846.
Anon., Flora 29: 560. 1846, 30: 48. 1847.

Hügel, Karl Alexander Anselm, Freiherr von (1794/1796-1870), German born Austrian soldier, statesman, horticulturist, and traveller; from 1830-1837 collecting in Australasia; 1837-1849 in Vienna; ambassador in Florence 1849-1859; in Brussels 1860-1869. (*Hügel*).

HERBARIUM: W; dupl. BR, CGE, CN, HBG, K, LE, M, MEL.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 276; Barnhart 2: 215; BM 2: 886; CSP 3: 459; Hortus 3: 1196 ("Hügel"); IH 2: 291; Jackson p. 398; Kew 3: 57; Lasègue p. 156; 337, 384, 502; PR 4311-4313 (ed. 1: 4752-4753); Rehder 5: 411; SK 1: 248-249; TL-2/1678; Tucker 1: 356; Zander ed. 10, p. 673.
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Burgerstein, A., Die k.k. Gartenbau-Gesellschaft in Wien 1837-1907: 46-48, 72-73. 1907 (portr.).
Burkill, I. H., Chapt. hist. bot. India 240 [index]. 1965.
Diels, L., Pflanzenw. West-Austral.46-47, 71. 1906 (Veg. Erde 7).
Hooker, J. D., Fl. Tasm. cxxvi. 1857.
Maiden, J. H., J. West. Austral. nat. Hist. Soc. 6: 18-19. 1909.
Neilreich, A., Verh. zool.-bot. Ver. Wien 5: 69-70. 1855 (*b.* 25 Apr 1796).
Schumann, K. and K. Lauterbach, Fl. deut. Schutzgeb. Südsee ix. 1901.
Seemann, B., J. Bot. 8: 240. 1870.
Stewart, R., Pakistan J. Forestry 17: 348. 1967,
Wiesner, J., Karl von Hügel, Hortologe, Geograph und Staatsmann. Wien 1901, 41 p. (address at inauguration Hügeldenkmal, Hietzinger Kottage Park, Wien, Oct 1901).

COMPOSITE WORKS: See Endlicher, St. L., *Enumeratio Plantarum* quas in Nova Hollandiae... collegit... de Huegel (1837) (TL-2/1678), and *Stirpium australasiacarum* herbarii Hügelani decades tres (1838) (TL-2/1681).

EPONYMY: *Huegelia* H.G.L. Reichenbach (1830); *Huegelia* R. Brown ex Endlicher (1840); *Hugelia* [sic] Bentham (1833); *Hugelroea* [sic] Steudel (1840). *Note*: *Hardenbergia* Bentham (1837) is dedicated to his sister Francisca Hardenberg von Hügel, who took care of the plants collected by von Hügel on his journeys.

3123. *Botanisches Archiv* der Gartenbaugesellschaft des österreichischen Kaiserstaates. Abbildungen und Beschreibungen neuer oder seltener Pflanzen, welche in den Gärten der Monarchie blühen. . . . Wien (Fr. Beck' sche Universitäts-Buchhandlung) 1837, 2 Hefte.†. (*Bot. Arch.*).

Heft 1: Feb 1837 (cover; Hinrichs 21-27 Mai), *pl. 1-5*, handcol. copper engr. with text.
Heft 2: Oct 1837 (cover; letter Endlicher to Bentham of 25 Oct 1837, "soeben erschienen", Hinrichs 26 Nov – 2 Dec 1837), *pl. 6-10*, idem.

Copy: G.

Huet du Pavillon, Alfred (1829-1907), French administrator and botanist who, together with his brother Edouard (1819-1908), brought together a considerable herbarium and who issued numerous series of exsiccatae. (*A. Huet*).

HERBARIUM and TYPES: G (14.000, rd. 1912). – Some of the series of exsiccatae are:
1. *Exsiccata plantarum rariorum Vallesiae ditionisque genevensis*, 1850-1856, not numbered, title printed, schedae mss.
2. *Plantes du Midi de la France*, 1852, idem.
3. *Plantes des Pyrénées*, 1852, idem.
4. *Plantae orientales*, 1853, not numbered, title and details on localities printed, schedae mss.
5. *Plantes de Sardaigne*, 1854, not numbered, title printed, schedae mss.
6. *Plantes des Apennins*, 1854, idem.
7. *Plantes de Ligurie*, 1854, idem.
8. *Exsiccata plantarum Europae mediae*, idem.
9. [with Édouard H. de P.] *Plantae siculae*, 1855, not numbered but with printed labels.
10. [idem], *Plantae siculae*, 1856, idem.
11. [idem], *Plantae neapolitanae*, 1856, idem.

Ref.: Anon., Bull. Soc. bot. France 1: 348. 1854, 2: 639-640. 1856, 3: 538. 1856; Bonplandia 6: 341. 1858.
Huet du Pavillon, A., Flora 36: 144. 1843, 37: 272, 512. 1854.
Huet du Pavillon, É., editor, Catalogue des plantes de Provence. Pamiers 1889, 165 p. (herbarium catalogue).
Miège & Wuest, Saussurea 6: 132. 1975.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 241; Barnhart 2: 216; Bossert p. 185; Clokie p. 187; CSP 3: 458, 10: 285, 12: 352, 15: 981; Hortus 3: 1196 ("Huet"); IH 2: 290-291; LS 12787; Rehder 5: 411; Saccardo 1: 90, 2: 59; Zander ed. 10, p. 673.
Briquet, Annu. Cons. Jard. bot. Genève 17: 310-325 [1-16]. 1914 (portr., bibl., itin.); Bull. Soc. bot. Suisse 50a: 277-281. 1940.
Cavillier, Bossiera 5: 54. 1941.
Meyer, F. K. und H. Manitz, Reichtümer und Raritäten. Jenaer Reden und Schriften 95. 1974 (on H's collections in JE).

HANDWRITING: Candollea 30: 405-406. 1975.

COMPOSITE WORKS: Taxa signed "Boissier et Huet" in Boissier, *Diagn. pl. nov.* ser. 2. 2-6, 1854-1859.

EPONYMY: *Huetia* Boissier (1856, also dedicated to his brother Édouard Huet de Pavillon (1819-1908), q.v.).

3124. *Description de quelques plantes nouvelles des Pyrénées*, suivie de l'indication de localités non indiquées dans la Flore française de Grenier et Godron. Genève (Imprimerie de P.A. Bonnant, . . .) 1853. Oct. (*Descr. pl. nov. Pyrénées*).
Publ.: Mai [-Jul] 1853, p. [1]-8. *Copy*: G. – See also Ann. Sci. Nat., Bot. ser. 3. 19: 251-256. 1853.

Huet du Pavillon, Édouard (1819-1908), French born botanist, living at Genève, brother of Alfred Huet du Pavillon (1829-1907). (*E. Huet*).

HERBARIUM and TYPES: G. (rd. 1912). – For exsiccatae see under Alfred Huet du Pavillon.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 241, 7: 410; Barnhart 2: 216; BL 2: 191, 670 ("Edmond"); IH 2: 291; Rehder 5: xxii; Tucker 1: 356.
Briquet, Ann. Cons. Jard. bot. Genève 17: 310-325 [1-16]. 1914 (portr., bibl., itin.); Bull. Soc. bot. Suisse 50a: 281-282. 1940 (bibl.).
Burdet, Saussurea 6: 29. 1975 (portr.).
Cavillier, Boissiera 5: 54.
Duval-Jouve, Bull. Soc. bot. France 12: 88. 1865 (eponymy).

EPONYMY: *Huetia* Boissier (1856, also dedicated to his brother Alfred Huet de Pavillon (1829-1907), q.v.).

3125. *Catalogue des plantes de Provence.* Résultat des herborisations faites pendant plus de dix années dans les départements des Bouches-du-Rhône, du Var et des Alpes-Maritimes par MM. R. Shuttleworth, A. Huet et Jacquin, Hanry. Complété par les recherches de MM. Thuret, Canut, H. Roux, Blaize, Autheman, Albert, Goaty, Consolat, et dans les mêmes départements. Pamiers (Imprimerie typographique de J. Galy) 1889. Oct. (*Cat. pl. Provence*).
Publ.: Jan-Aug 1889 (Nat. Nov. Sep 1889), p. [1]-165. *Copy*: G. – A catalogue of the plants from the Provence in his herbarium, edited by E. Huet du Pavillon.

Huette, John William (1832/3-?), Canadian botanist. (*Huett*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 216; BL 1: 175, 302; Rehder 1: 316.
Philips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 81. 1963.

3126. Essay toward a natural history of La Salle Country, Ill. Part I – Botany, *Flora La Sallensis* by John W. Huett. Ottawa, Ill. (Fair-Dealer Print) 1897. Oct. (size). (*Fl. La Sall.*).
Publ.: 1897, possibly Dec (see letter in US copy), p. [i-iv], [1]-136, [137]. *Copy*: US.

Hüttig, Heinrich (*fl.* 1872-1890), German botanist and high school teacher at Schweidnitz and Zeitz. (*Hüttig*).

HERBARIUM and TYPES: Unknown.

3127. Programm des Gymnasiums zu Schweidnitz wodurch zu der am 20. und 21. März zu haltenden öffentlichen Prüfung sämmtlicher Klassen sowie zur Feier des Geburtsfestes Sr. Majestät des Kaisers und Könings und zur Entlassung der Abiturienten am 22 März ehrerbietigst einladet August Friede, Gymasial-Direktor. Inhalt 1.) *Stellung der Coniferen zu unseren Laub-Bäumen* und den übrigen Pflanzen. Verfasst vom Gymnasiallehrer Hüttig. 2.) Schulnachrichten... Schweidnitz (Schnellpressendruck von L. Heege) 1872. Qu. (*Stell. Conif.*).
Publ.: Mar 1872, entire program [1]-52 of which [1]-27 Hüttig, *Stellung*. – *Copy*: MO.

3128. Programm des königl. Stifts-Gymnasiums in Zeitz über das Schuljahr 1885-86. Inhalt: 1.) *Ein Beitrag zur Flora von Zeitz...Zeitz* (Druck der Offizin von C. Brendel) 1886. Progr. Nr. 239. Qu. (*Beitr. Fl. Zeitz*).
[*Part 1*:] Apr 1886 (Bot. Zeit. Feb 1887, Nat. Nov. Sep(2) 1886), p. [i[, [1]-6 [paper by Hüttig], [1]-14 [Schulnachrichten]. *Copy*: MO.
[*Part 2*:] Mar 1890 (Bot. Zeit. 27 Feb 1891, Nat. Nov. Jul(1) 1890), p. [i], [1]-31 [id.], 1-15 [Schulnachrichten]. *Copy*: MO. – "Jahresbericht des königl. Stifts-Gymnasiums in Zeitz über das Schuljahr 1889-90..." Zeitz (Druck von C. Brendel) 1890. Progr. Nr. 251.

Hull, John (1761-1843), British botanist; MD Leiden (1792); later physician at Manchester. (*Hull*).

HERBARIUM and TYPES: BM (fide Desmond p. 328), further material (mosses) at LINN via Withering (fide Sayre).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 217; BB p. 158; BM 2: 888; Desmond p. 328; DNB 28: 195; Dryander 5: 68; GR p. 373-374, cat. p. 65; Henrey 2: 154, 723, 3: 62; Hortus 3: 1196 ("Hull"); Jackson p. 54, 233; Kew 3: 59; LS 12795; PR 4322-4323 (ed. 1: 4766-4767); P & W p. 287; Rehder 1: 84, 396; SO add. 722, 722a; Tucker 1: 357; Zander ed. 10, p. 673.
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Munk, W., Roll R. College of Physicians 3: 195. 1878 (BB).
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3129. *The British flora*, or a Linnean arangement of British plants. With their generic and specific characters, select synonyms, english names, places of growth, duration, times of flowering and references to figures...Manchester (printed..., by R. and W. Dean), [sold by:] London (R. Bickerstaff,...), Edinburgh (W. Mudie), Manchester (J. and W. Clarke) 1799, 2 parts. Oct. (in fours). (*Brit. fl.*).

Ed. 1: both parts Jun-Jul 1799 (ded.: 1 Jan 1799; Cambridge Univ. Libr. rd. 20 Jul 1799).
Copies: G, MO, NY.
Part 1: [i*, iii*], [i]-viii, [1]-227, [i]-xi.
Part 2: [i], 229-449 [*pl. 1-3*, in MO copy only; cf. Elements vol. 2].
Ed. 2: "The British flora, or a systematic arrangement of british plants... The second edition, in two volumes..." Manchester (printed by S. Russell,... for R. Bickerstaff,..., London) 1808 [-1810]. Oct. (in fours). *Copies*: MO, NY.
Vol. 1: Sep 1808 (p. [v]: 1 Aug 1808), p. [i]-xvi, [1]-308, (309)-(324), 309-319, [320, err.]; pages (309)-(324) dated 15 Jun 1810 (additions.)
Vol. 2: never published.

Note: The first review of the volume known to us is in the Eclectic Rev. of Mar 1810.

3130. *Elements of botany*. Illustrated by sixteen engravings. By John Hull, M.D... in two volumes... Manchester (printed by R. and W. Dean), [sold by]: London (R. Bickerstaff), Edinburgh (W. Mudie), Manchester (I. and W. Clarke). 2 vols. 1800. Oct. (in fours). (*Elem. bot.*).

Vol. 1: 1800 (p. iii: 1 Dec 1799), [i*], [i]-lx, [1], [1]-302, *pl. 1-12*. *Copies*: G, L, NY.
Vol. 2: 1800, p. [i-v], [1]-499, ['409'], [500, err.], *pl. 1-3*, expl. i-ii, table. *Copies*: G, L.

Hult, Ragnar (1857-1899), Finnish botanist at Helsingfors. (*Hult*).

HERBARIUM and TYPES: H; other material at B, C, and GB.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 217; BL 2: 60, 80, 93, 518, 670; BM 2: 888; Bossert p. 186; CSP 10: 291-292, 15: 991; IH 2: 292; Kew 3: 60; KR p. 308; Moebius p. 375; Rehder 5: 412; Saelan p. 11-185; SBC p. 123 ("R. Hult"); TR 596; Tucker 1: 357.
Anon., Bot. Not. 1886: 150, 1890: 94, 1900: 45, Bot. Centralbl. 80: xv. 1899.
Collander, R., Hist. bot. Finland 38, 71, 74-77, 81, 90, 112, 113, 114, 115. 1965.
Diels, L. & J. Mildbraed, Generalregister Bot. Jahrb. 1(1-30): 28. 1904.
Wittrock, Acta Horti Berg. 3(2): 107. 1903.

3131. *Mossfloran* i trakterna mellan Aavasaka och Pallastunturit. En studie öfver mossornas vandringssätt och des inflytande på frågan om reliktfloror... Helsingfors (J. Simelii arfvingars tryckeri) 1886. Oct. (*Mossfl.*).
Publ.: Mar.Dec 1886 (submitted 6 Feb 1886; Bot. Zeit. 27 Jan 1887; Nat. Nov. Feb (2) 1887), p. [1]-110, [1, ind.]. *Copies*: G, NY. – Acta Soc. Fauna Fl. Fenn. 3(1).

Hultén, Eric Oskar Gunnar (1894-x), Swedish explorer and botanist; specialist on the flora of N. E. Asia and on the distribution of arctic and boreal plants; explorer of Alaska, Yukon and N. E. Asia. (*Hultén*).

HERBARIUM and TYPES: Original collections S; duplicates in many herbaria, main sets at LD and B (destroyed). Types indicated in publications; many in S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 217; BFM 1567, 1437, 1621, 1622, 1589; BL 1: 131, 302, 2: 475, 670; Bossert p. 186; Hortus 3: 1196 ("Hult."); IF suppl. 3: 211, 4: 325; IH 2: 292; Kew 3: 60-61; Langman p. 381; MW p. 199-200, suppl. p. 124; NAF 28(2): 338, ser. 2. 5: 243; NW p. 49; Roon p. 55; SBC p. 123 ("Hultén"); Zander ed. 10, p. 673.
Anon., Bot. Not. 1931: 160, 316, 462, 1937: 314; Plant Sci. Bull. 7(4): 4. 1961.
Erlandsson, S., Bot. Not. 1938: 327 (rev. *Fl. Aleut. isl.*).
Ewan, J. et al., Short hist. bot. U.S. 24, 120. 1969.
Hultén, E., Bot. Not. 1940: 293-294, 339-340; Mem. roligt har det varit, en forskares memoarer, Stockholm 1973, 460 p. (autobiography, portr., maps, itin.).
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 209. 1963.
Schuster, C. & W. Schweitz, Generalregister Bot. Jahrb. 2(31-56): 81. 1938.
Shetler, G. G., The Komarov bot. Inst. 40, 151, 171, 206. 1967.

FESTSCHRIFT: Svensk botanisk Tidskrift 48(1), 1954.

3132. *Flora of Kamtchatka and the adjacent islands*... Stockholm (Almquist & Wiksells Boktryckeri – A.B.) 1927-1930. 4 vols. Oct. (*Fl. Kamtchatka*).

1: Nov-Dec 1927 (p. 346: printed 22 Oct 1927), p. [1]-346, *fig. 1-18*, maps 1-291, *pl. 1-6*. K. Sv. Vet.-Akad. Handl. ser. 3. 5(1).
2: Mai-Jun 1928 (submitted 11 Jan 1928; p. 218: printed 14 Apr 1928; Nat. Nov. Jul 1928), p. [1]-218, *fig. 1-14*, maps 292-459, *pl. 1-3*. Ib. 5(2).
3: Jun 1929 (submitted 9 Jan 1929; p. [214]: printed 18 Mai 1829; Nat. Nov. Jul 1929), p. [1]-213, *fig. 1-18*, maps 460-598, *pl. 1-3*. Ib. 8(1).
4: Dec 1920 (submitted 12 Mar 1930; p. 358: 4 Dec 1930), p. [1]-358, *fig. 1-19*, maps 599-790, *pl. 1-6*. Ib. 8(2).

Copies: MICH, MO, NY, US(2), U, USDA.

3133. *Flora of the Aleutian islands* and westernmost Alaska peninsula with notes on the flora of Commander islands... Stockholm (Bokförlags Aktiebolaget Thule) 1937. Oct. (*Fl. Aleut. isl.*).
Publ.: 1937, p. [1]-397, *pl. 1-16*, maps 1-477. *Copies*: MICH, MO, NY, U, US, USDA.

Ed. 2: 1960 "...second edition revised and enlarged". Weinheim/Bergstr. (published by J. Cramer), p. [1]-376, [1-5, ind.], *pl. 1-38* (in text), maps 1-533b.
Copies: MICH, MO, NY, U. – Flora et vegetatio mundi... vol. 1, 1960.

3134. *Flora of Alaska and neighboring territories*. A manual of the vascular plants. Stanford, California (Stanford University Press) 1968. Qu. (*Fl. Alaska*).
Publ.: 29 August 1968, p. [i]-xxii, [i], [1]-1008, *fig. 1-960*, [*1-8*, col. photogr.]. *Copies*: FAS, MICH, MO, NY.
Ref.: Stafleu, Taxon 18: 222-224. 1969.

Hulting, Johan (1842-1929), Swedish lecturer and lichenologist, botanist at Nörrköpings teachers college (1871-1909) and at the Nörrköping technical college (1872-1909). (*Hulting*).

HERBARIUM and TYPES: GB; other material at LD. Distributed *Lichenes scandinaviae*.
Ref.: Hawksworth, D. L., Mycol. handb. 183. 1974.
Sayre, G., Mem. New York Bot. Gard. 19(3): 346. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 218; BM 2: 889; CSP 10: 292, 15: 991; GR p. 476, *pl.* [*38*]; IH 2: 292; Jackson p. 337; Kew 3: 61; KR p. 309: LS 12799-12811, suppl. 12517-12521; Rehder 2: 127; SBC p. 123 ("Hulting").
Anon., Generalregister Bot. Not. 1839-1938: 34-35. 1939.
Wittrock, Acta Horti Berg. 3(2): 42-43. 1903, 3(3): 18, *pl. 109*. 1905 (portr.).

3135. *Lichenologiska exkursioner i vestra Bleking*. Akademisk afhandling, som med vidtberömde filosofiska fakultetens i Upsala samtycke för filosofiska gradens erhållande till offentlig granskning framställes af Johan Hulting, filosofie kandidat af vestgöta landskap, adjunkt vid

Norrköpings högre Elementarläroverk, 2 botaniska lärosalen den 27 Maj 1872. p.v.t.f.m. Norrköping (Bröderna Johanssons Boktryckeri) 1872. Oct. (*Lichenol. exkurs. Bleking*).
Publ.: 27 Mai 1872, p. [1]-26. *Copy*: G.

3136. *Dalslands lafvar*... Stockholm (Kungl. Boktryckeriet P. A. Norstedt & Söner) 1900. Oct. (*Dalsl. lafv.*).
Publ.: 1900 (submitted 10 Jan 1900), p. [1]-102, *Copy*: U. – Bih. k. Sv. Vet.-Akad. Handl. 26 (afd. 3). 1900.

Humbert, Henri (1887-1967), French botanist and botanical traveller at Paris, explorer of Madagascar. (*Humbert*).

HERBARIUM and TYPES: P, PC.

Ref.: Keraudren & Aymonin, Trav. Lab. La Jaysinia 3: 11-33. 1969 (itin., coll.). Sayre, Mem. New York Bot. Gard. 19(3): 346. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 218; BL 1: 45, 97, 98, 302, 2: 166, 670; Bossert p. 186; GR cat. p. 65; Hortus 3: 1196 ("Humbert"); IF suppl. 4: 325; IH 2: 293; Kew 3: 61-62; Langman p. 381; MW p. 200, suppl. p. 124; Plesch p. 272; Zander ed. 10, p. 673-674.
Aubréville et al., Adansonia ser. 2. 7: 423-442. 1967 (portr., bibl.).
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Bernardi, Musées de Genève 92: 4-8. 1969.
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Gagnepain, *in* Lecomte, Fl. gén. Indochine, tome prél. 43. 1944.
Hirsch, G. C., Index biol. p. 131. 1928.
Keraudren & Aymonin, Vegetatio 16: 220-223. 1968.
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Humboldt, Friedrich Wilhelm Heinrich Alexander [Freiherr] **von** (1769-1859), German naturalist and traveller; in tropical America with Bonpland 1799-1804; eminent geographer, biologist and cosmic scientist. (*Humb.*).

COLLECTIONS: Main part at P; a minor part in the herbarium Willdenow at B (intact). The Paris and Berlin collections are available on IDC microfiches (6209). 200 Specimens also at H (Steven). For mosses see Schultze-Motel (1963).

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Note: The literature on Humboldt is enormous. We give here a few general publications as well as some more recent publications on H's botany. KEYWORDS: *Autobiographical*: Borch (s.d.); Humboldt (1814, 1852); *Bibliography*: Anon. (s.d.) Leipzig; CSP; Dryander; Henrey; Langman; Löwenberg (1872), PR, Rehder, Stevens (1863), TL/1; *Biographies*: ADB; Ratzeburg; Banse, E. (1953), Beck (1959, 1959-1961), Biermann (1972; s.d.), Bruhns (1872, 1873), De Terra (1956), Kellner (1963), Klencke (1876), Kutscher und Hahlbrock (1969), Scurla (1855); *Collections*: IH, Lasègue, McVaugh (1955), Stearn (1968), Urban (1902); *Colombia*: Dugand (1956), Greiff (1970), Otto (1960), Sprague (1924), Stearn (1968), Torres (1970); *Correspondence*: Anon. (1860), Dawson (1934, 1959), Gerardy (1959), Hamy (1905), Roquette (1865); Roumeguère (1874); *Cosmos*: Humboldt (1845-1858, 1849), Jahn (1969); *Documentation*: Barnhart, Biermann (1972), De Terra (1958), Smit (1974); *Eulogies*: Bastian (1869), Gray (1889), Hofferichter (1869), Jenkins (1970), Martius (1860, 1866); *Evaluation* (general): Acosta-Solis (1969), Biermann (1972), Botting (1973), Pfeiffer et al. (1969), Ratzeburg (1874), Schuster (1927); *Mexico*: Hemsley (1887), Sprague (1926), Stearn (1968); *Portraits*: Cuvier (1845), Milner (1906), Nelken (1977), Wittrock (1903, 1905); *Statues, memorials*: Du Bois-Reymond (1883); U.S.A. (relations with): Geiser (1948), Théodoridès (1963); *Venezuela*: Sandwith (1925), Stearn (1968).

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3137. *Florae fribergensis specimen* plantas cryptogamicas praesertim subterraneas exhibens... Accedunt aphorismi ex doctrina physiologiae chemicae plantarum... Berlin (apud Henr. Augustum Rottmann) 1793. Qu. (*Fl. friberg.*).
Publ.: 1793, p. [i]-xiv, [1]-189, [190, err.], *pl. 1-4* (uncol.). *Copies*: BR, G, MICH, MO, NY, Stevenson, USDA; IDC 6185. – For a German version of the "aphorismi" (p. 133-182) see 3138.

3138. Friedrich Alexander von Humboldt's... *Aphorismen* aus der chemischen Physiologie der Pflanzen. Aus dem Lateinischen übersetzt von Gotthelf Fischer. Nebst einigen Zusätzen von Herrn Dr. und Prof. Hedwig und einer Vorrede von Herrn Dr. und Prof. Christ. Friedr. Ludwig. Leipzig (bei Voss und Compagnie) 1794. Oct. (*Aphorismen*).
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Commentary: Johann Hedwig (1730-1799).
Preface: Christian Friedrich Ludwig (1757-1823).
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3139. *Essai sur la géographie des plantes*; accompagné d'un tableau physique des régions équinoxales, fondé sur des mesures, depuis le dixième degré de latitude boréale jusqu'au dixième degré de latitude australe pendant les années 1799, 1800, 1801, 1802 et 1803 par Al. de Humboldt et A. Bonpland. Rédigé par Al. de Humboldt. À Paris (Chez Levrault, Schoell et Compagnie, Libraires) xiii-1805. Qu. (*Essai géogr. pl.*).
Collaborator: Aimé Jacques Alexandre Bonpland (Goujaud) (1773-1858).
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3140. *Ideen zur Physiognomik der Gewächse*, ... Tübingen (in der J. G. Cotta'schen Buchhandlung) 1806. Oct. (*Ideen Physiogn. Gew.*).
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3141-3143. *Voyage aux régions équinoctiales du Nouveau Continent, fait en 1799-1804, partie 6, Botanique.* The botanical part consists of six sections which are treated under the following author headings:
Sect.
1. *Plantae aequinoctiales* Humboldt [et Bonpland], 3141.
2. *Monographie des Mélastomacées* Humboldt [et Bonpland], 3142.
3. *Nova Genera et Species* Humboldt, [Bonpland et Kunth], 3143.
4. *Mimoses* Kunth, 3996.
5. *Synopsis plantarum* Kunth, 3998.
6. *Révision des Graminées* Kunth, 4000.

Co-editor and in part co-author: Aimé Jacques Alexandre Bonpland (Goujaud) (1773-1858).
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3141. Alexandri de Humboldt et Amati Bonpland *Plantae aequinoctiales*, per regnum Mexici, in provinciis Caracarum et Novae Andalusiae, in Peruvianorum Quitensium, Novae Granatae Andibus, ad Orinoci, Fluvii Nigri, Fluminis Amazonum tipas nascentes. In ordinem digessit Amatus Bonpland. Lutetiae Parisiorum [Paris] (apud F. Schoell, bibliopolam.) Tubingae [Tübingen] (apud J. G. Cotta) [1805-] 1808-1809 [-1817]. 2 vols. Fol. (*Pl. aequinoct.*).
Author of text ("in ordinem digessit ..."): Aimé Jacques Alexandre Bonpland (Goujaud) (1773-1858).
Other title-pages: (1) "*Voyage de Humboldt et Bonpland.* Sixième partie, botanique. Plantes équinoxiales, recueillies au Mexique, ..."
(2) "*Plantes équinoxiales*, recueillies au Mexique, ..."
Publ.: in 17 parts, see below.
Vol. 1: 1808 (t.p.) [i*-ii*], portr. Mutis, [iii*-vii*]-vii (dated 1 Mar 1805), 1-234, *pl. 1a, 1b, 2a, 2b, 3-29, 30a, 30b, 31-65.*
Vol. 2: 1809 (t.p.) [i-vii], [1]-191, *pl. 66-97, 98* ['97'], *99-140.*
Copies: MICH, NY, U (2 copies), US; IDC 2263. – *Plates:* uncol. copper engr. by Turpin.
Variant issues: both volumes: 1813, À Paris (chez F. Schoell, ...). as original issue. *Copies*: US (2 copies).

vol.	part	pages	*plates*	dates
1	1	1-8	*1a, 1b*	Mai-Jun 1805
	2	9-38	*2a, 2b-10**	Aug 1805
	3	39-72	*11-20**	22 Sep 1806
	4	73-106	*21-29, 30a, 30b**	15 Dec 1806
	5	107-138	*31-39*	Apr 1807
	6	139-170	*40-48*	Nov 1807
	7	171-202	*49-57*	Jan 1808
	8	203-232	*58-57, portr.*	Apr 1808
2	9	1-20, t.p. etc.	*66-68, possibly 69.*	Nov. 1808
	10	21-36	*74,81*	Feb 1809
	11	37-		ante 8 Feb 1810
	12			
	13	-88		Nov 1811
	14	89-104	*106-113*	Apr 1812
	15	105-124	[8]	Feb 1813
	16	125-152	[8]	Sep 1813
	17	153-191	[*11*]	16 Jun 1817

The information on the exact contents of the parts is incomplete (* by implication). R. McVaugh informs us that the pagination of the part of volume 2 dealing with *Quercus* in the U.S. Dept. of Agriculture library (pp. 21-50) is different from that of most other copies (24-56). Furthermore pp. 49 and 50 seem to have been replaced in some copies by a more extensive text. Further information on the contents of the parts and on the history of the cancellations is desirable. Copies exist of volume 2 with title pages dated 1809 and 1813. The Mutis portrait was published with part 8. The plates are engravings after drawings by Turpin (some by Poiteau). All copies so far known to us have plain plates. The announcement of the work in JT (8: 374. 24 Jun 1805, livr. 1) mentions no issue with coloured plates, Humboldt's own copy (HL 4592) was also uncoloured; the two issues differ only in paper: "grand Jésus vélin" and "grand colombier" (both wove paper).
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3142. Alexandri de Humboldt et Amati Bonpland . . . *Monographia Melastomacearum*, continens plantas hujus ordinis, hucusque collectas, praesertim per regnum Mexici, in provinciis Caracarum et Novae Andalusiae, in Peruvianorum Quitensium, Novae Granatae Andibus, and Orinoci, fluvii Nigri, fluminis Amazonum ripas nascentes. In ordinem digessit Amatus Bonpland. *Melastomae* [*Rhexiae*]. Lutetiae Parisiorum [Paris] (In Libraria Graeco-Latino-Germanica) 1816-1823, 2 vols. Fol. (*Monogr. Melast.*).

Authors: (Melast.), Aimé Jacques Alexandre Bonpland (Goujaud) (1773-1858) and Louis Claude Richard (1754-1821); (Rhexiae), id. and Auguste F. C. P. de Saint-Hilaire (1779-1853) and C. S. Kunth (1788-1850) (fasc. 20-24).
Other title-pages: (1) *Voyage de Humboldt et Bonpland.* Sixième partie, Botanique. Monographie des Melastomacées. Melastomes. Paris (à la librairie-grecque-latine-allemande, . . .) 1816.
(2) *Monographia melastomarum.* Auctore Amato Bonpland. Lutetia Parisiorum . . .
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Rhexiae: "Alexandri . . . in provinciis Venezuelae et Novae . . . *Rhexiae.*" Lutetiae Parisiorum [apud Gide filium] 1823. Fol., p. [i*-vii*], [i]-ii, [1]-158, [2, index], *pl. 1-60* coloured copper engr. by Turpin. Dates see below. *Copies*: MO, U, US.

Vol. 1. Melastomae: part	pages	*plates*	dates	*Vol. 2. Rhexiae*: part	pages	*plates*	dates
1		*1-4*	29 Sep 1806	2	-	-	29 Sep 1806*
4	-18	*5-9*	Apr 1807	3	-	-	-
5	19-34	*10-15*	Jul 1807	7	-40	*-15*	Mai 1808*
6	35-42	*16-20*	Nov 1807	8	41-56	*16-20*	Sep 1808*
9	43-58	*21-25*	Aug 1809	14	57-68	*21-25*	Sep 1812
10	59-		-	15	69-80	*26-30*	Jan 1813
11	-		-	16	81-92	*30-35*	Mai-Jun 1813
12	-80	[*4*]	Nov 1811	20	93-104	*35-40*	Mar 1818
13	81-96	[*5*]	Jun 1812	21	105-120	[*6*]	Jun 1820
17	97-108	[*5*]	24 Apr 1815	22	121-136	[*5*]	Apr 1821
18	109-132	[*4*]	Jul 1816	23	137-146	[*5*]	Jun 1823
19	133-end	[*5*]	Oct 1816	24	147-end	[*5*]	Aug 1823

The dates and contents are still imperfectly known.

London edition: *Monographie des Melastomacées*, comprenant toutes les plantes de cet ordre recueillies jusqu'à ce jour, et notamment au Mexique, dans l'île de Cuba, dans les provinces de Caracas, de Cumana, et de Barcelone, aux Andes de la Nouvelle-Grenade, de Quito et du Perou, et sur les bords du Rio-Negro, de l'Orénoque et de la rivière des Amazones; par Al. de Humboldt et A. Bonpland. Mise en ordre par A. Bonpland. Rhexies. Londres (chez Gide fils) 1833. Fol.

Publ.: Remained incomplete; t.p. of part on *Rhexies* precedes partial texts on *Melastomes* and *Rhexies*: [i*, t.p.], [i]-vi, [1]-106, *pl. 1-45*, [1]-52 (*Rhexies*), *pl. 1-19*. *Copies*: LC (n.v.), US.

Schoell-issue: *Monographie des Melastomes*, et autres genres du même ordre, y compris les Rhexies, À Paris (Chez F. Schoell, ...) 1823, p. [i*[, [i]-vi, [1]-106, *pl. 1-45* (col.), [1]-80, *pl. 1-30*. *Copy*: US.

Ref.: DU 144; GF p. 51; Löwenberg 96, 97; NI 954; PR 4331 (ed. 1: 4775); SK p. cxc; Sotheby 377(2).

Sherborn & Woodward, J. Bot. 39: 203. 1901.

Guédès, J. Soc. Bibl. nat. Hist. 5(2): 111-114. 1969 (on a variant issue).

Wurdack, Taxon 20: 591-593. 1971 (on type localities).

3143. *Nova genera et species plantarum* quas in peregrinatione [in quarto ed.: in plagam aequinoctalem] orbis novi collegerunt, descripserunt, partim adumbraverunt Amat. Bonpland et Alex. de Humboldt. Ex schedis autographis Amati Bonplandi in ordinem digesset Carol. Sigismund Kunth. Accedunt tabulae aeri incisae, et Alexandri de Humboldt notationes ad geographiam plantarum spectantes. Lutetiae Parisiorum [Paris] (Sumptibus librariae graeco-latini-germanicae, ...) 1815-1825. Fol. and Qu. (*Nov. gen. sp.*).

Authorship: Main author to whom new taxa are to be attributed: Carl Sigismund Kunth (1788-1850) (as "Kunth in Humboldt, Bonpland and Kunth, Nova genera ..."). Manuscript annotations: Aimé Jacques Bonpland (Goujaud) (1773-1858).

Other title-page: Voyage de Humboldt et Bonpland. Sixième partie, Botanique. Nova genera et species plantarum. A Paris (à la Librairie grecque-latine-allemande....) 1815-1825.

Publ.: In two editions (see notes below), quarto and folio, published more or less simultaneously.

Folio edition (analysis based on copy U (col. pl.), other copies with col. pl. e.g.: Bibl. natl., Paris; BM-Bloomsbury); uncol. pl.: US.

1: p. [i*-vii*], [i]-xlvi, [1]-302, *pl. 1-96*.
2: p. [i-vii], [1]-[324], *pl. 97-192*.
3: p. [i-vii], [1]-356 [as "456"], *pl. 193-300, 216 bis*.
4: p. [i-vii], [1]-247, *pl. 301-412*.
5: p. [i-vii], [1]-338, *pl. 413-479, 479 [bis], 480, 480[bis], 481a, 481b, 482, 483, 483(a), 484-498, 499a, 499b, 500-512*.
6: p. [i-vii], [1]-420, [1-2, ind.], *pl. 513, 514a, 514b, 515, 532a, 532b, 533-547, 547bis, 548a, 548b, 562, 562bis, 563-600*.
7: p. [i-vii], [1]-399, *pl. 601-645, 645bis, 646, 647, 647bis, 648-659, 659bis, 660, 660bis, 661-688, 688bis, 689-700*.

The number of copies (most seem to have coloured plates) must be higher than the "very few" mentioned in TL/1.
Facsimile ed. (of col. fol. ed.) Amsterdam (Orbis Terrarum), n.v.

Quarto edition (analysis based on copy MO).

1: [i*], [ii*], [v*], [vii*], [i], [iii]-lviii, [1]-377, *pl. 1-96.*
2: [i], [iii]-[v], [vii], [1]-404, [405, ind., 406, err.], *pl. 97-192.*
3: [i], [iii], [v], [vii], [1]-456, *pl. 193-300 (2 issues of 216).*
4: [i]. [iii], [v], [vii], [1]-312, *pl. 301-412.*
5: [i], [iii], [v], [vii], [1]-432, *pl. 413-512.*
6: [i], [iii], [v], [vii], [1].541, [542, err.], *pl. 513-600.*
7: [i], [iii], [v], [vii], [1]-506, *pl. 601-700.*

Facsimile ed. (of qu. ed.): Weinheim (J. Cramer) 1963, text in 3 vols. Qu., plates combined in one folio volume. *Copies*: FAS, MICH.

The quarto and the folio editions were published simultaneously, except that the entire folio text of vol. 4 was accessible to botanists at Paris from 26 Oct. 1818(Bull. Sci. Soc. Philom. 1819: 63). The text of the fourth volume ("Synanthérées") was distributed only in 1820, but was printed and finished by the end of 1818. The authors presented a copy to the Institut on 26 Oct 1818 which was accessible to the botanical public. At the same time copies were deposited with Sir Joseph Banks (London) and at the Berlin Academy of Sciences. Furthermore Kunth sent a copy to Cassini on 1 December 1818. The treatment of the Compositae by Kunth interfered to some extent with Cassini's publications and intentions. See Cassini (1819), Kunth (1819) and Adr. Jussieu (1850).
Kunth was responsible for most of the text. – Bonpland writes in a letter to von Humboldt, dated 7 Oct 1814 (Hamy 1906): "Il est de toute justice que cet ouvrage soit publié sous le nom de M. Kunth, puisqu'il le rédige . . . M. Kunth, rédigeant l'ouvrage, il est évident qu'il prise toutes nos descriptions, tous les noms que nous avons pu mettre dans le voyage, qu'il les arrange à sa manière et qu'il les publie comme il l'entend. Les mots: *in ordinem digessit* renferment donc tout. Nous sommes censés avoir ramassés les plantes en commun, les avoir décaties de même et, M. Kunth, muni des matériaux que nous lui avons donnés, les publie."
The plates are mostly by Turpin, some by Humboldt, Kunth and A. Richard. The dates of presentation of the various parts to the Paris Academy and the dates given by JGLF confirm the schedule of publication as given by Sherborn and Woodward and Barnhart.
The contents of some of the fascicles are still incompletely known.

vol.	part	folio pages	quarto pages	*plates*	dates
1	1-2	i-xlviii	i-lx	*1-44*	29 Jan 1816
		1-120	1-144		
	3	121-200	145-288	*45-70*	Mai 1816
	4	201-302	289-377	*71-96*	late Aug 1816
2	5	1-80	1-96	*97-121*	28 Apr 1817
	6	81-152	97-192	*122-146*	8 Dec 1817
	7	153-220	193-280	*147-158, 162, 167-169, 172, 173*	Feb 1818
	8	221-324	281-406	*159-161, 163, 164-166, 170, 171, 174-192*	8 Jun 1818
3	9	1-72	1-96	*193-217, t. 216 A. jun.*	late Sep 1818
	10	73-148	97-192	*218-242*	8 Feb 1819
	11	149-224	193-288	*243-267*	9 Jul 1819
	12	225-296	289-384	*267-292*	21 Nov 1819
	13	297-356	385-456	*293-300, 216 A. cup.*	13 Mar 1820
4	14	1-56	1-72	*301-325*	17 Apr 1820
	15	57-120	73-152	*326-349*	22 Mai 1820
	16	121-168	153-224?	*350-374*	31 Jul 1820
	17	169-216	225-288?	*375-399*	18 Sep 1820
	18	217-247	289-312	*400-412*	26 Dec 1820

vol.	part	folio pages	quarto pages	*plates*	dates
5	19	1-56	1-64	*413-436 (437?)*	28 Mai 1821
	20	57-112	65-128	*(438?) 437-460 (462?)*	late Sep 1821
	21	113-176	129-224	*(463?) 461-480*	25 Feb 1822
	22	177-236	225-304	*481a-498*	Jun 1822
	23	237-338	305-432	*499a-512*	24 Mar 1823
6	24	1-108	1-72	*513-522?*	14 Apr 1823
	25	109-176	73-168	*523-537*	6 Aug 1823
	26	177-236	169-240	*538-552*	5 Jan 1824
	27	237-300	241-320	*553-569?*	Apr 1824
	28	301-360	321-392	*570-585?*	12 Jul 1824
	29	361-420	393-542	*586-600?*	Sep 1824
7	30	1-48	1-56	*601-615*	2 Nov 1824
	31	49-112	57-144	*616-630*	20 Dec 1824
	32	113-176	145-224	*631-645*	21 Feb 1825
	33	177-236	225-296	*646-659bis*	25 Apr 1825
	34	237-296	297-376	*660-673*	13 Jun 1825
	35	297-356	377-448	*674-690*	late Jul 1825
	36	357-399	499-506	*691-700*	Nov 1825

NOTE: R. D. Hoogland has drawn our attention to an instance of competition between vol. 6 (p. 49-58, *Weinmannia*) and vol. 4 of Ruiz and Pavon's *Fl. peruv. chil.* Distribution of the latter (see e.g. TL1/1124) took place by Rich at an unascertained date. In view of the circumstance that the first references to Ruiz and Pavon's fourth volume date from 1830, it seems advisable to regard the publication by Kunth as the earlier one.

Ref.: DU 145; GF p. 63; Löwenberg 101; NI 954; PR 4333 (ed. 1: 4776); RS p. 89; SK 1: cxc; Sotheby 377(3); IDC 214.

Cassini, J. Phys. Chim. Hist. nat. 89: 5-33. 1819.
Kunth, J. Phys. Chim. Hist. nat. 89: 278-284. 1819 (answer to Cassini).
Kunth, Linnaea 5: 366-369. 1830.
Jussieu, Ann. Sci. nat. Bot. ser. 3. 14: 92-93. 1850.
Kuntze, O., Rev. gen. 3(2): 156. 1898.
Sherborn, Ann. Mag. nat. Hist. ser. 7. 3: 428. 1899.
Sherborn & Woodward, J. Bot. 39: 203-204. 1901.
Barnhart, Bull. Torrey bot. Cl. 29: 585-598. 1902, J. Bot. 42: 153. 1904.
Hamy, Aimé Bonpland 66-67. 1906.
Sandwith, Kew Bull. 1925: 295-310.
Sprague, Kew Bull. 1924: 20-27, 1926: 23-30.
McVaugh, Taxon 4: 78-86. 1955.
Stearn, Taxon 5: 153-156. 1956.
Steenis-Kruseman, M. J. van, Fl. males. Bull. 3: 735. 1960.
Stearn, Summary of dates of publication in Stearn, W. T. [editor and in part author], Humboldt, Bonpland, Kunth and tropical American botany. A miscellany on the Nova genera et species plantarum. Lehre 1968 (pp. 8-9).

3144. *De distributione geographica plantarum* secundum coeli temperiem et altitudinem montium, prolegomena . . . Lutetiae parisiorum [Paris] (in libraria graeco-latino-germanica, . . .) 1817. Oct. (*Distr. geogr. pl.*).

Publ.: 1817, p. [i, iii], [1]-249, [1-2, index, 3-4, err.], chart (col.) *Copies*: MO, NY; IDC 5971 – A reprint of the Prolegomena from *Nova Gen. Sp.* vol. 1 (1815), with an *Auctuarium* on p. 167-249.

Humnicki, Valentin (1815-x), French botanist. (*Humn.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 156, 173, 670; BM 2: 892; Jackson p. 286, 289; Rehder 1: 415.

3145. *Catalogue des plantes vasculaires des environs de Luxeuil* (Haute-Saône). Orléans (H. Herluison . . .) 1876. Oct. (*Cat. pl. Luxeuil*).
Publ.: Oct 1876 (p. 5: 6 Sep 1876; BSbF 10 Nov 1876), p. [1]-75. *Copies*: G, USDA.
Supplément: 11 Oct 1877, p. [77]-92. *Copies*: G, USDA.
Nouveau supplément: 30 Nov 1883, p. [93]-105. *Copy*: G.
Ref.: Anon., Bot. Zeit. 35: 262. 20 Apr 1877.

Humpert, Friedrich (*fl.* 1887), German botanist and high school teacher at Bochum. (*Hump.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Tucker 1: 358.

3146. Städtisches Gymnasium zu Bochum. Beilage zu dem Jahresbericht über das Schuljahr 1886/87. *Die Flora Bochums* von Friedrich Humpert. Bochum (Druck von Wilh. Stumpf.) 1887. Progr.-Nr. 327. Qu. (*Fl. Bochums*).
Publ.: prob. April 1887; p. [i-iv], [1]-57. *Copy*: MO.

Hunt, Willis Roberts (1893-x), American botanist and phytopathologist; Dr. phil. Yale 1926. (*W. Hunt*).

HERBARIUM and TYPES: Material from Texas at TEX.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 220; IH 2: 293; LS suppl. 12571-12573. Hirsch, G. C., Index biol. p. 132. 1928.

EPONYMY: *Huntia.* A yearbook of botanical and horticultural bibliography. Pittsburg, Pa. Vol. 1-2. 1964-1965 commemorates Rachel McMasters Miller Hunt (1882-1963), American bibliophile and promotor of botanical and horticultural bibliography, whose collections are the origin of the Hunt Botanical Library in Pittsburgh.

3147. *The Uredinales or rusts of Connecticut* and the other New England States . . . Hartford (published by the State) 1926. Oct. (*Ured. Connecticut*).
Publ.: 1926, p. [1]-198. *Copies*: FH, NY, Stevenson, USDA – [headline:] State of Connecticut State Geological and Natural History Survey Bulletin no. 36.

Husnot, Pierre Tranquille (1840-1929), French bryologist and agrostologist. (*Husn.*).

HERBARIUM and TYPES: The French herbarium is at NCY. The location of the first set of Husnot's Central American collections is unknown, the plants are in numerous herbaria, especially P and PC. The bryophytes are at PC (formerly at CN).
Exsiccatae:
(1) *Genera muscorum europaeorum exsiccata*, nos. 1-107. Caen 1874, publ. 20 Sep 1874, sets at NY, PC.
(2) *Hepaticae galliae*, herbier des hépatiques de France. Fasc. 1-9, nos. 1-231. Caen (T. Husnot) 1870-1901, fascicles undated, published 1: 1870, 2: 1872, 3/4: 1875, 5: 10 Jan 1881, 6: 1883, 7: Oct 1883, 8: 1890, 9: 13 Jun 1901 (Sayre). Links up with *Hepaticologia gallica*, see no. 3151. Sets at: BM, BR, CN, CU, G, FH, H, K, L, M, NCY, PC, S.
(3) *Musci galliae*, herbier des mousses de France. Fasc. 1-19, nos. 1-959. Caen (T. Husnot) 1870-1907, for precise dates see Sayre (1971), linked up with *Muscologia gallica*, see no. 3154. Sets at: B, BM, BR, C, CGE, CN, CU, FH, G, I, K, L, LD, LG, NTM, NY, OXF, PC.
(4) *Plantes des Antilles*, coll. 1868, issued probably 1870, incl. *Mousses des Antilles*, récoltées par Husnot et déterminées par Gottsche, 40 sp., *Hépatiques des Antilles*, récoltées par Husnot et determinées par Gottsche, 40 sp., *Fougères des Antilles*, 70 sp.
(5) *Lichens des Canaries*, nos. 1-37. 1924.
Ref.: Theriot, Rev. bryol. ser. 2. 4: 89, 143. 1931, 5: 229. 1932.
Sayre, Mem. New York Bot. Gard. 19(1): 28-29, 135. 1969, 19(2): 217-220. 1971; Bryologist 80: 510. 1977 (1978).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 222; BM 2: 895, 6: 496; Bossert p. 187; Clokie p. 188; CSP 7: 1041, 10: 297, 12: 357, 15: 1002; DTS 1: 129; GR p. 327; IH 2: 294; Jackson p. 562 [index]; Kew 3: 73-74; Lenley p. 234; LS 12852; MW p. 200; NI 956-960; PR 4339; Rehder 1: 414; SBC p. 123 ("Husn."); Tucker 1: 359.
Allorge, Rev. bryol. ser. 2. 2(2): 65-70. 1929 (portr., bibl., exsicc.).
Anon., Bot. Not. 1930: 157; Bull. Soc. bot. France 19 (bibl.): 159. 1873 (prix Desmazières); Ann. crypt. exot. 2(2): 201-202. 1929; J. Bot. 67: 109. 1929; Bryologist 32(3): 68. 1929.
Chevalier, Bull. Soc. bot. France 76: 569-575. 1929; Rev. Bryol. ser. 2. 13: 1-9. 1942; Trav. bryol. Mém. Husnot 1: 1-10. 1942.
Davy de Virville, Rev. de Bot. 41: 529-535. 1929 (portr., bibl.).
Fournier, Bull. Soc. bot. France 16: 6. 1869.
Győrffy, Magy. bot. Lap. 28: 178. 1930.
Husnot, Rev. Bryol. 51: 1-5. 1924 (autobiogr.).
Lamy, Rev. bryol. lichén. 40(1): 1-3. 1974.
Letestu, Rev. bryol. lichén. 14: 1-6. 1944 (corr. with Lenormand).
Letacq, A. L., Inv. pl. crypt. vasc. Orne 267. 1906.
Medelius, Bot. Not. 1930: 157-158. (portr.).
Urban, I., Symb. ant. 1: 74, 141. 1898, 3: 65. 1902.

COMPOSITE WORKS: (1) Editor of the *Revue bryologique*, vols. 1-53, 1874-1926 (see 53(3). 1926 for a note introducing his successor P. Allorge).
(2) See Roussel, M., *Énumération des champignons récoltés par M. T. Husnot* aux Antilles françaises en 1868. Paris (J. B. Baillière et fils . . .), p. [1]-60, *pl. 1*. 1870, *copy*: FH. – Bull. Soc. Linn. Norm. ser. 2. 4: 217 ff.

MEMORIAL VOLUME: Chevalier, Aug. et al., Travaux bryologiques dédiés à la mémoire de Pierre-Tranquille Husnot. Paris 1942.

EPONYMY: *Husnotia* E. P. N. Fournier (1885); *Husnotiella* J. Cardot (1909); *Neohusnotia* A. Camus (1920).

3148. *Catalogue des cryptogames recueillis aux Antilles françaises* en 1868 et essai sur leur distribution géographique dans ces îles . . . Caen (Imprimerie de F. Le Blanc-Hardel, Libraire . . .) 1870. Oct. (*Cat. crypt. Antill. franç.*).
Publ.: Jan-Mar 1870 (p. 4: Aug 1869; Rev. Bryol. Apr-Mai 1870), p. [1]-60, *pl. 1* (uncol.). *Copies*: B, G, L, NY, Steere, Stevenson.
Other issue: Paris (J. B. Baillière et fils) 1870, p. [1]-60, *pl. 1* (id.). *Copy*: BR. – Differs only in having a sticker with a new imprint on orig. t.p.
Both issues: reprinted from Bull. Soc. Linn. Norm. ser. 2. 4(1): 19-73. 1870. – See also Rev. Bryol. 2(1): 1 ff. 1875.
Ref.: D.B., Bot. Zeit. 28: 108-111. 18 Feb 1870.

3149. *Énumération des Glumacées* récoltées aux Antilles françaises . . . Caen (F. le Blanc-Hardel . . .) 1871. Oct. (*Enum. Glumac.*).
Co-author: Amédee Guillaume Auguste Coutance (*fl.* 1868).
Publ.: 1871, p. [1]-35. *Copy*: G. – Reprinted from Bull. Soc. Linn. Normandie ser. 2, vol. 5.

3150. *Flore analytique et descriptive des mousses du Nord-Ouest* (environs de Paris, Normandie, Bretagne, Anjou, Maine) accompagnée d'une description des organes de la végétation et de la reproduction des mousses. Avec échantillons intercalés dans le texte et deux planches lithographiées, par T. Husnot. Paris (chez F. Savy, . . .) Cahan (Orne) [Caen] (chez l'auteur) s.d. [1873]. Oct. (*Fl. mousses Nord. Ouest*).

Ed. 1: Mai-Jul 1873 (p. 5: 1 Mai 1873; Bot. Zeit. 15 Aug 1873), p. [1]-203, [204, expl. pl.], *pl. 1-2* (uncol. liths.). *Copies*: B, BR, G, NY, U. – Text figures illustrated by herbarium specimens.
Ed. 2: Dec 1882. (p. 6: 1 Sep 1882; Nat. Nov. Jan, Mar 1883; Bot. Zeit. 23 Feb 1883), p. [1]-175, *2 pl.*, text figures id. *Copy*: L. – "*Flore . . . Maine*) 2e édition contenant un traité élementaire de bryologie avec 10 échantillons et 84 figures . . ." Cahan [Caen] (T. Husnot) Paris (F. Savy, . . .).

3150a. *Catalogue des mousses du Calvados*...Cahan [Caen] (T. Husnot), Paris (F. Savy,...) 1875. Oct. (*Cat. mousses Calvados*).
Publ.: 1875, p. [1]-37. *Copy*: G. – Bull. Soc. Linn. Normandie 7, 1875.

3151. *Hepaticologia gallica.* Flore analytique et descriptive des hépatiques de France et de Belgique accompagnée de 13 planches représentant chaque espèce de grandeur naturelle et ses principaux caractères grossis... Cahan [Caen] (T. Husnot), Paris (F. Savy,...) 1875-1881. Oct. (*Hepaticol. gall.*).

Ed. 1: 1875-1885, p. [i], [1]-102, *pl. 1-13* (uncol. liths. by author). *Copies*: B, G, NY, USDA.
Fasc. 1: p. 1-30, *publ.*: Jun-Jul 1875.
Fasc. 2: p. 31-62, *publ.*: 10 Jan 1881.
Fasc. 3: p. 63-102, *publ.*: 15 Mai 1881.
Ed. 2: Feb 1922 (p. 4: Feb 1922; Rev. Bryol. Jan-Feb 1922), p. [1]-163, *pl. 1-23* (id.). *Copies*: G, MO. "... de France et des contrées voisines." Cahan (T. Husnot).
Facsimile ed. (of. ed. 2): Amsterdam (A. Asher & Co.) 1967, p. [i], [1]-163, *pl. 1-23*. *Copies*: FAS, MICH, MO, NY, US, U.

Ref.: Geheeb, Flora 58: 560. 1875.
Anon., Rev. bryol. 2: 104. 1875, 8: 24, 56. 1881.
Sayre, Mem. New York Bot. Gard. 19(2): 218. 1971.

3152. *Catalogue analytique des hépatiques du Nord-Ouest* par T. Husnot. Cahan [Caen] (T. Husnot), Paris (F. Savy,...) 1881. Oct. (*Cat. anal. hépat. Nord-Ouest*).
Publ.: Mai-Jun 1882 (t.p. 1882, but see Rev. Bryol. 9(3): 47. Mai-Jun 1882; Bot. Zeit. 25 Aug 1882), p. [1]-24. *Copy*: G. – Reprinted from Bull. Soc. Linn. Normandie ser. 3. 6: 250-282. 1881.

3153. *Sphagnologia europaea.* Descriptions et figures des sphaignes de l'Europe. Cahan [Caen] (T. Husnot), Paris (F. Savy,...) 1882. Oct. (*Sphagnol. eur.*).
Publ.: 20 Mai 1882 (p. ii: 1 Mai 1882; Rev. Bryol. 9: 47; Nat. Nov. Jun. 1882; Bot. Zeit. 25 Aug 1882), p. [cover: i-iv], [1]-15, [16, ind.], *pl. 1-4* (uncol. liths. by author). *Copies*: G, MO, NY. – The cover has a bibliography of Husnot's publications on p. iv.

3154. *Muscologia gallica.* Descriptions & figures des mousses de France et des contrées voisines. Cahan [Caen] (T. Husnot), Paris (F. Savy,...), 2 parts, 1884-1894. Oct. (*Muscol. gall.*).
Part 1: 1884-1890, in parts (see below), p. [i]-viii, [1]-284, *pl. 1-79* (uncol. liths. by author).
Part 2: 1892-1894, id., [i*, ix]-x, 285-458. *pl. 80-125* (id.).
Copies: G, MICH, MO, NY; IDC 6500.

part	livr.	pages	*plates*	dates
1	1	[1]-32	*1-10*	20 Feb 1884
	2	33-64	*11-18*	15 Oct 1884
	3	65-96	*19-26*	15 Jul 1885
	4	97-128	*27-36*	Mai 1886
	5	129-160	*37-44*	Mar 1887
	6	161-192	*45-52*	Sep 1887
	7	193-224	*53-60*	15 Jul 1888
	8	225-256	*61-68*	Oct 1889
	9	257-284	*69-79*	Jun-Jul 1890
		[i]-viii	*1-10* (new)	Jun-Jul 1890
2	10	285-316	*80-87*	Apr 1892
	11	317-348	*88-97*	Jun 1893
	12	349-380	*98-105*	Mar 1894
	13	3811-412	*106-115*	Jun 1894
	14	413-458, [i*], [ix]-x	*116-125*	Oct 1894

Dates based on notes in Nat. Nov., Hedwigia, Bot. Gaz., Bot. Zeit. and Rev. Bryol. *Plates 1-10* were later reissued (orig. set 1-10, replacement i-x) on paper of better quality. Both sets are reproduced in the facsimile ed.

Facsimile ed.: Amsterdam (A. Asher & Co.) 1967, p. [i*], [i], [i** t.p. part 2], [iii]-x, [1]-458, *pl. i-x, 1-125* (roman numerals). *Copies*: FAS, MO, U.
Ref.: Gepp, J. Bot. 33: 155-157. 1895.
Sayre, Mem. New York Bot. Gard. 19(2): 217-220. 1971.

3155. *Graminées.* Descriptions, figures et usages des graminées spontanées et cultivées de France, Belgique, Isles Britanniques, Suisse... Cahan [Caen] (T. Husnot) 1896-1899. Qu. (*Graminées*).
Publ.: in four parts, 1896-1899, p. [i]-viii, [1]-92, *pl. 1-33* (uncol. liths. by author). *Copies*: MICH, MO, NY, USDA.
Husnot (translation Rendle): "The English publish almost always coloured plates, because the whole world is included in their clientèle. In France, where only true naturalists buy, less costly black plates are preferable."

part	pages	*plates*	dates
1	[1]-24	*1-8*	Mai 1896
2	25-48	*9-17*	23 Jun 1897
3	49-72	*18-24*	3 Dec 1898
4	73-92, [i]-viii	*25-33*	27 Nov 1899

Ref.: Plesch p. 275; SK1: cxc; Sotheby 379.
Anon., J. Bot. 34: 328. Jul 1896 (part 1 received).
Rendle, J. Bot. 37: 188. 1899, 38: 59-60. 1900.

3156. *Cypéracées.* Descriptions et figures des Cypéracées de France, Suisse & Belgique par T. Husnot. Cahan [Caen] (T. Husnot) 1905-1906. Oct. (*Cypéracées*).
Publ.: 1905-1906 (dates on orig. cover, p. iii: 1 Jun 1906), p. [i]-viii, [1]-83, *pl. 1-24* (uncol. liths. by author).
Copies: M, MICH, MO, USDA.
Part 1: 1-48, *pl. 1-12.* Jun-Jul 1905 (Nat. Nov. Aug(1) 1905).
Part 2: 49-83, *pl. 13-24*, [i]-viii. Jul-Aug 1906 (Nat. Nov. Sep(2) 1906).

3157. *Joncées.* Descriptions et figures des Joncées de France, Suisse & Belgique par T. Husnot... Cahan [Caen] (T. Husnot) 1908. Oct. (*Joncées*).
Publ.: Dec 1908 (p. [3]: 1 Sep 1908; Rev. Bryol. Dec 1908), p. [1]-27, [28, ind.], *pl. 1-7* (uncol. liths. by author). *Copies*: MICH, MO, NY.

Hussenot, Louis Cincinnatus Séverin Léon (1809-1845), French (Lorraine) botanist. (*Hussenot*).

HERBARIUM and TYPES: Unknown. The reference to Senegal plants at K in IH may not refer to this botanist.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 658; Barnhart 2: 222; BM 2: 895; IH 2: 294(?); Kew 3: 74; PR 4341 (ed. 1: 4797); Tucker 1:359.
Kirschleger, F., Fl. Alsace 2: lxxii. 1857.

3158. *Chardons nancéiens*, ou prodrome d'un catalogue des plantes de la Lorraine, 1er fascicule, par le docteur Hussenot, qui n'est rien, pas même médecin; membre d'aucune acad., corresp. d'aucune soc. savante; qui n'est ni de la soc. royale des sciences lettres et arts de Nancy, ni de la so. centr. d'agricult. de la même ville, pas plus de la soc. d'émulation des Vosges que de celle philomatique de Verdun, ou d'aucune de celles de Metz; directeur d'aucun jardin public ou particulier; conservateur d'aucune collection, autre que la sienne, qui se manges des bêtes; rédacteur de rien du tout; enfin simple citoyen comme tout le monde, hors qu'il n'est pas décoré. [Motto:] Dignus-ne sum intrare in vestrum doctum

corpus, plantisectae, epitrichoscopi, villicolae? Nancy (Imprimerie de Dard, . . .) 1835. Oct. (*Chard. nanc.*).

Ed. 1: Apr-Dec 1835 (p. 14: 25 Mar 1835), p. [i], [1]-55. *Copies*: G, HH, USDA.

Ed. 2: "*Chardons nancéiens*, ou prodrome d'un catalogue des plantes de la Lorraine, 1er fascicule, par le docteur Hussenot, qui n'est rien, pas même médicin; d'aucune académie. [Motto:] Dignus es intrare in nostro corpore. Deuxième édition. Nancy (Imprimerie de Dard, . . .)" 1836. Oct. p. [i-ii], 56-113. *Copies*: G, HH, USDA.

"Un livre (très rare aujourd'hui) on y trouve des choses fort curieuses, tant au point de vue botanique que psychologique, d'abord l'autobiographie d'un botaniste *autodidacte* fort original, puis d'excellentes observations diagnostiques sur plusieurs genres à espèces critiques . . ."

"Enfin, son livre renfermes des choses sans nom, ou méchamment spirituelles ou atrocement scandaleuses." (Kirschleger 1857). See e.g. p. 211, of the *Chardons* ("thistles"):

"LIV. Je dépose décidément la plume, car je sens ma verve tarir. Comme un amant quand point l'aurore, qui, fatigué d'une nuit de plaisirs, n'obtient plus de ses efforts que quelques âcres gouttes d'un fluide aqueux et sanguinolent, je sens l'éjaculation de mes idées qui s'arrête, je vois que je me répète et que je tombe dans la charge. Au rèvoir, hommes, je ne sais quand, sur la terre ou dans le ciel: If not on earth, we meet in heav'n."

The botanical part of this human-botanical document contains numerous critical and analytical notes on Lorraine plants. "Liber jucundissimi saporis varias continet lepores" (PR ed. 1).

Hussey, A. M. (née Reed; Mrs. Thomas Jonathan Hussey), (*fl.* 1820-1877), British mycologist of Hayes, Kent. (*Hussey.*).

HERBARIUM and TYPES: Unknown. Letters in Berkeley corr. at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 222; BM 2: 896; CSP 3: 479, 6: 692; Desmond p. 332; Jackson p. 244; TL-2/231.

EPONYMY: *Husseia* [sic] M. J. Berkeley (1847); *Husseya* J. G. Agardh (1901); *Husseyella* Papenfuss (1958).

3159. *Illustrations of British mycology*, containing figures and descriptions of the funguses of interest and novelty indigenous to Britain, by Mrs. T. J. Hussey . . . London (Reeve, Benham, . . .) 1847. Qu. (*Ill. Brit. mycol.*).

Series 1: 1847-1849 [?], p. [i*], [i]-viii, *pl. 1-90*, with text (col. liths.), [i]-ii, [iii, ind.]. *Copies*: MICH MO, NY, Stevenson, USDA; IDC 857.
Series 2: [1851?]-1855, London (Lovell Reeve, . . .) p. [i-iii], *pl. 1-50* (id.), [i, ind.]. *Copies*: MICH, NY, Stevenson, USDA; IDC 857.
Artists: A. M. Hussey, F. Reed, and M. J. B.

Hustedt, Friedrich (1886-1968), German diatomologist at Bremen. (*Hust.*).

HERBARIUM and TYPES: Institut für Meeresforschung, Bremerhaven (60.000 preparations and library), the "Friedrich-Hustedt-Arbeitsplatz für Diatomeenkunde"; other material at S, S-PA.

Ref.: Fryxell, G., Beih. Nova Hedwigia 35: 362. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 233; BM 6: 496; Hirsch p. 132; Kew 3: 74; Kleppa p. 93; MW p. 200; Roon p. 55.
Behre, Abh. naturw. Verein Bremen 37(2): 97-108. 1967 (portr., bibl.); Rev. algol. ser. 2. 9: 217-226. 1969; Beih. Nova Hedw. 31: xi-xxii. 1970 (portr., bibl.).
Koster, J., Taxon 18: 554. 1969.
Lund, J. W. G., Brit. phycol. J. 4(1): 141. 1969.
Markgraf, F., Bot. Jahrb. 84(4) (Litt.): 21-25. 21 Oct 1965.

Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 1947.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 617. 1963.
Utermöhl, Arch. Hydrobiol. 67(4): 569-582. 1970 (portr., bibl.).

COMPOSITE WORKS: (1) Hustedt was one of the editors of the continuation of Schmidt's *Atlas der Diatomaceenkunde* Hefte 68-120, 1911-1959.
(2) Sven Hedin, *Southern Tibet... Bacillariales aus Innerasien* gesammelt von Dr. Sven Hedin. Bearbeitet von Friedrich Hustedt... vol. 6, part 3, botany, p. [i], [107]-152, *pl. 9-10* (by author), Stockholm 1922. Reprint with orig. pagination and special cover. *Copy*: NY.
(3) Axel Hamberg, *Naturwissenschaftliche Untersuchungen des Sarekgebirges* in Schwedisch Lappland, Band 3, Botanik, Lief. 6, p. [525]-626, *pl. 17-22* (uncol., auct. del.) *Die Bacillarien-Vegetation des Sarekgebirges*, Stockholm, Berlin, 1924 (p. 626 printing finished 15 Sep 1924), reprinted with original pagination and special cover. *Copies*: FH, NY.
Hustedt contributed treatments of diatoms to many other works, see his bibliographies in Behre (1967-1970).

EPONYMY: *Hustedtia* Meister (1923); *Hustedtiella* Simonsen (1960).

3160. *Süsswasser-Diatomeen Deutschlands*. Ein Hilfsbuch für Anfänger bei der Bestimmung der am häufigsten vorkommenden Formen von Friedrich Hustedt. Mit 10 Tafeln und 9 Textabbildungen. Stuttgart (Franckh'sche Verlagshandlung) 1909. Oct. (*Süssw.-Diatom. Deutschl.*).

Ed. 1: Oct-Dec 1909 (p. 1: Oct 1909; Bot. Zeit. 16 Feb 1909; Nat. Nov. Jan(2) 1910), p. [i], [1]-70, *pl. 1-10* (uncol. liths. author). *Copy*: M. – Handbücher für die praktische naturwissenschaftliche Arbeit V.
Ed. 2: n.v.
Ed. 3: Mar 1914 (Nat. Nov. Apr(1) 1914), 88 p., *10 pl.* (n.v.).

3161. *Bacillariales aus den Sudeten* und einigen benachbarten Gebieten des Odertales... Stuttgart (E. Schweizerbart'sche Verlagsbuchhandlung Nägele & Dr. Sproesser). Oct. (*Bacill. Sudet.*).
Publ.: 1914 (p. 128 printers date Dec 1913), cover, p. [1]-128, *pl. 1-2*, with text (uncol. liths.).
Copy: US. – Reprinted from Archiv für Hydrobiologie und Planktonkunde, Band X. 1914.

3162. *Die Kieselalgen Deutschlands*, Österreichs und der Schweiz mit Berücksichtigung der übrigen Länder Europas sowie der angrenzenden Meeresgebiete... Leipzig (Akademische Verlagsgesellschaft m.b.H.) [1927] 1930-1966. Oct. (*Kieselalg. Deutschl.*).
Publ.: Band 7 (1, 2, 3) of "Dr. L. Rabenhorst's *Kryptogamen-Flora von Deutschland*, Österreich und der Schweiz," *1*: [ii]-xii, [1]-920; *2*: [ii]-xii, [1]-845 [dates on p. 845], *3*: [ii-iii], [1]-816. *Copy*: U. Published as follows:

vol.	Lief.	pages	dates
7(1)		[v]-ix	Nov 1930
	1	[1]-272	Mar 1927
	2	273-464	Jan 1928
	3	465-608	Jan 1929
	4	609-784	Jan 1930
	5	785-907	Nov 1930
7(2)		[v]-ix	Dec 1959
	1	[1]-176	Nov 1931
	2	177-320	Jan 1932
	3	321-432	Sep 1933
	4	433-576	Dec 1933
	5	577-736	Mar 1937
	6	737-839	Dec 1959
7(3)	1	[1]-160	Sep 1961
	2	161-348	Feb 1962
	3	349-556	Mai 1964
	4	557-816	Mar 1966

Facsimile ed.: Koeningstein/West Germany (Otto Koeltz Science Publishers) 1977, 3 vols., ISBN 3-87429-125-4. *Copy*: FAS. – See Taxon 27(1): 110. 1978.

Hutchinson, John (1884-1972), British self-taught botanist; at Kew 1904 as a gardener, soon afterwards at the herbarium; keeper of the museums 1936-1948; in retirement still fully active at Kew and developing towards macrosystematics. (*Hutch.*).

HERBARIUM and TYPES: K; for further details see Hepper and Neate. Drawings and manuscripts also at K.
Ref.: Hepper, F. N. and F. Neate, Plant coll. West Africa 40. 1971.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 223; BFM 2282-2285; BL 1: 49, 59, 62, 302; BM 6: 496; Bossert p. 187; Desmond p. 333; Hortus 3: 1196 ("Hutch."); Kew 3: 75-78; KR p. 311; Langman p. 384; MW p. 200-202, suppl. p. 125; NI 962, 962a; Plesch p. 275; TL-2/820; Zander ed. 10, p. 674.
Anon., Fl. males. Bull. 28: 2308. 1975; Biol. J. Linn. Soc. 5: 392. 1973; Nature 240: 367-368. 1972; Taxon 3: 197-198. 1954 (70 yrs.); The Times 9 Sep 1972.
Brenan, J. P. M., Taxon 22: 705-706. 1973.
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Daniels, G. S., Artists R. B. G. Kew 1974 (portr.).
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Taylor, G., J. Roy. Hort. Soc. 98(1): 30-31. 1973.

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Cycadaceae, 5, 2(suppl.): 24-44. 28 Mar 1933 (with Rattray).
Myricaceae, 5, 2(4): 561-572. Jan 1925.
Proteaceae, 5, 1(3): 502-640. 16 Jan 1912, 1(4): 641-718. Jun 1912 (with E. P. Philips and O. Stapf).
Euphorbiaceae, 5, 2(2): 216-384. Oct 1915 (with N. E. Brown).
Moraceae, 5, 2(3):
(2) Id. to Oliver, *Flora tropical Africa*: 522-528. Mai 1920 (with N. E. Brown).
Moraceae, 6, 2(1): 17-192. Mar 1916, 2(2): 193-240. Nov 1917 (with A. B. Rendle).
Myricaceae, 6, 2(2): 307-314. Nov 1917.

EPONYMY: *Hutchinsonia* W. Robyns (1928). *Note*: *Hutchinsonia* M. E. Jones (1935) is dedicated to Mrs. Susan W. Hutchinson, who collected with M. E. Jones in 1931-1932.

3163. *The families of flowering plants. I. Dicotyledons* arranged according to a new system based on their probable phylogeny . . . London (Macmillan and Co., Limited . . .) 1926. Oct. (*Fam. fl. pl., Dicot.*).

Ed. 1: Feb-Mar 1926 (p. xi: Mai 1925; rev. J. Bot. Mar. 1926; rev. Torreya 11 Aug 1926), p. [i]-xiv, errata slip, 1-328. *Copies*: MICH, MO, NY, U.
Ed. 2: 1959 (Taxon 20 Oct 1959), p. [i]-[xv], [1]-510. *Copies*: MO, U. – Oxford (at the Clarendon Press).
Ref.: Gundersen, Torreya 26: 70-75. 11 Aug 1926 (rev.).
Rendle, A. B., J. Bot. 63: 81-83. 1926.

3164. *The families of flowering plants II. Monocotyledons* arranged according to a new system based on their probable phylogeny . . . London (Macmillan and Co., Limited, . . .) 1934. Oct. (*Fam. fl. pl., Monocot.*).

Ed. 1: 1934 (p. x: Nov 1933; Nat. Nov. Dec 1934; J. Bot. rev. Dec 1934), p. [i]-x, [1-3], [1]-243, *fig. 1-207*. *Copies*: MICH, MO, NY, U, USDA.
Ed. 2: 1959 (Taxon 20 Oct 1959), p. [i]-[x], [511]-792. *Copies*: MO, NY, U. – Oxford (at the Clarendon Press). Oct.
Ref.: Rendle, A. B., J. Bot. 72: 353-355. 1934.
Stearn, W. T., J. R. Hort. Soc. 85: 143-145. 1960.

3165. *Flora of West Tropical Africa* the British West African Colonies, British Cameroons, the French and Portuguese Colonies south of the tropic of Cancer to Lake Chad, and Fernando Po . . . London (The Crown agents for the colonies) 1927-1936, 2 vols. Oct. (*Fl. W. trop. Afr.*). *Co-author*: John McEwen Dalziel (1872-1948).

First edition: 1927-1928. *Copies*: MICH, MO, NY, U, US.
Vol. 1: [i*-ii*], [i]-x, map, [1]-246, [i,iii], 247-523.
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Vol.	part	pages	dates
1	1	1-246	Mar 1927
	2	247-523	Jul 1928
2	1	1-292	Mar 1931
	2	293-651	Feb 1936

Second edition: ISBN 0-85592-020-3, revision edited by R. W. J. Keay (vol. 1) and by F. N. Hepper (vols. 2,3), 1954-1972. *Copies*: MICH, MO, NY, U, US, USDA.
Vol. 1: [i]-viii, map, [1]-295, [i, iii], 297-828.
Vol. 2: [i], map, [iii]-xi, 1-544.
Vol. 3: [i*], [i]-vi, [1]-276, [i, iii], 277-574.

Vol.	part	pages	dates
1	1	[i]-viii, [1]-295	17 Aug 1954
	2	[i, iii], 297-828	27 Mar 1958
2		[i]-xi, [1]-544	18 Oct 1963
3	1	1-276	28 Aug 1968
	2	277-574	2 Mai 1972

Supplement: Alston, A. H. G., The ferns and fern-allies of West Tropical Africa, Oct 1959, p. [i]-vii, [1]-vii, [1]-89.
Ref.: Stafleu, F. A., Taxon 21: 525. 1972.

Huteau, H. (*fl.* 1894), French botanist, teacher at the teacher's college of Bourg. (*Huteau*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 114, 670; Rehder 5: xxii; Tucker 1: 360.

3166. *Catalogue des plantes du département de l'Ain.* Bourg (Imprimerie du "Courrier de l'Ain") 1894. Oct. (*Cat. pl. Ain*).

Co-author: F. Sommier.
Publ.: 1894 (Nat. Nov. Aug 1894; Bot. Zeit. 1 Mar 1895), p. [1]-212. *Copy*: G.
Ref.: Fray, J. P., Liste des plantes . . . de l'Ain, Bourg 1878.
Thommen, Bull. Soc. bot. Genève ser. 2. 32: 103-154. 1941.

Huth, Ernst (1845-1897), German botanist, from 1873 high school teacher at Frankfurt a. Oder. (*Huth*).

HERBARIUM and TYPES: Unknown. Some material at E-GL.
Ref.: Hedge, I. C., and J. M. Lamond, Ind. coll. Edinburgh 93. 1970.

BIBLIOGRAPHY and BIOGRAPHY: BFM 234; BM 2: 896; CSP 15: 1007; DTS 1: 137; Hortus 3: 1196 ("Huth"); Jackson p. 304; Kew 3: 78; Langman p. 384; LS suppl. 12609; Moebius p. 364; MW p. 202-203; Rehder 5: 415; Tucker 1: 360; Zander ed. 10, p. 674.
Anon., Bot. Not. 1898: 45; Leopoldina 33: 118. 1897.
Ascherson, Verh. bot. Ver. Brandenburg 39: lxx-lxxvi. 1897 (bibl.).
Diels, L. & J. Mildbraed, Generalregister Bot. Jahrb. 1(1-30): 28. 1904.
Laubert, Helios 15: 33-40. 1898.

EPONYMY: *Huthia* A. Brand (1908).

COMPOSITE WORKS: Editor of Monatl. Mitth. naturwiss. Vereins Regierungsbez. Frankfurt, 1-3, 1883-1886; Monatl. Mitth. Gesammtgeb. Naturwiss. 4-7, 1886-1890; Abh. monatl. Mitth. Gesammtgeb. Naturwiss. 8, 1891; Helios, [7-8], 9-14, 1891-1897. (vols. 1-3 and part of 4 publ. at Frankfurt a. O.; the remainder came out in Berlin).

3167. Jahresbericht über die Oberschule (Realschule erster Ordnung) zu Frankfurt an der Oder, mit welchem zu der öffentlichen Prüfung am 20 März 1880 ehrerbietigst einladet der Direktor Dr. Karl Laubert. Inhalt: *Flora von Frankfurt a. O.* und Umgebung, vom ordentlichen Lehrer Dr. Ernst Huth . . . Frankfurt a. O. (Druck der königlichen Hofbuchdruckerei Trowitzsch und Sohn) 1880. Progr. Nr. 89. Qu. (*Fl. Frankfurt a. O.*).
Publ.: Mar 1880, p. [i], [1]-48, [i]-iv [Flora]; [49]-63, [64-65]. *Copies*: HH, MO. – A second edition, xvi, 174 p., map, 1882 (see BM 2: 896, Bot. Zeit. 26 Mai 1882, Bot. Jahrb. 4: 155. 1883), was not seen by us.

3168. *Flora von Frankfurt a. Oder* und Umgegend. Zum Gebrauch in Schulen und auf Excursionen . . . mit 95 in den Text gedruckten Abbildungen. Frankfurt a. Oder (Druck und Verlag von Hugo Andres & Co.) 1895. Oct. (*Fl. Frankfurt a. O.*).

Ed. 1: Mar-Apr 1895 (p. iv: Mar 1895; Bot. Zeit. 1 Mai 1895), p. [i]-xvi, [1]-212. *Copies*: B, HH, U.
Ed. 2: n.v.
Ed. 3: "*Ernst Huth's Flora von* . . . Dritte Auflage besorgt von Prof. Dr. A. Brand . . ." Frankfurt a. Oder (Druck und Verlag von Paul Beholtz) 1909. Oct. *Publ.*: 1909, p. [i]-xvi, [1]-24. *Copy*: B.

3169. *Clavis riviniana*, Schlüssel zu den Kupferwerken der A.Q. Rivinus bearbeitet von Oberlehrer Dr. Ernst Huth. Frankfurt a. O. (Königliche Hofbuchdruckerei Trowitzsch u. Sohn) 1891. Qu. (*Clav. rivin.*).
Publ.: 1891, p. [i], [1]-28. *Copies*: G; IDC 5680. – Reprinted from Jahresber. Obersch. (Realgymnasium) Frankfurt a. Oder 1891, Progr. Nr. 104. *Copy* of issue in school program: USDA.

Hutton, William (1798-1860), British palaeobotanist at Durham. (*Hutton*).

COLLECTIONS: Fossil plants at Newcastle Museum. Letters at Kew. Sayre refers to bryophytes at HAMU. See also nos. 4264, 4265.
Ref.: Howse, Nat. Hist. Trans. Northumberland, Durham, Newcastle-on-Tyne 10: 19-151. 1890 (Catalogue of Hutton coll. at Newcastle).
Sayre, G., Bryologist 80: 510. 1977 (1978).

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Glass, B. et al., Forerunners of Darwin: 1745-1859. Baltimore 1968, see p. 464 [index].

COMPOSITE WORKS: see Lindley, for Lindley and Hutton, *Fossil flora of Great Britain.*

EPONYMY: *Huttonia* Sternberg (1837). *Note*: *Huttonella* T. Kirk (1897), *Huttonia* E. Grove & G. Sturt (1887), *Huttoniella* G. Karsten (1928), and *Neohuttonia* O. Kuntze (1898) commemorate Frederick Wollaston Hutton (1836-1905), English botanist in New Zealand. *Huttonaea* W. H. Harvey 1863 is dedicated to Mrs. Henry Hutton, about whom we have no further biographical information. Together with her husband, Henry Hutton (x-1896), English government official in South Africa, she collected plants for W. H. Harvey and W. J. Hooker.

Hy, Félix Charles (1853-1918), French clergyman and cryptogamist; professor at the catholic University of Angers. (*Hy*).

HERBARIUM and TYPES: ANGUC, COLO, PC; other material at DUKE, G, L.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 832; Barnhart 2: 225; BL 2: 126, 177, 670-671; BM 6: 498; CSP 12: 358, 15: 1010-1011; GR p. 283, cat. p. 65; Hortus 3: 1196 ("Hy"); IH 2: 295; Kew 3: 81; LS 12874-12877, 34864-34865; Moebius p. 86; Rehder 5: 415; SBC p. 123 ("Hy"); Tucker 1: 360.
Anon., Bot. Not. 1919: 166; Bull. Soc. bot. Deux-Sèvres 1910/11: *pl. 2* (portr.); Nuov. Notar. 30: 102. 1919.
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Hawksworth, D. L., Mycol. handb. 183. 1974.
Husnot, Rev. bryol. 8: 40. 1881, 9: 31, 95. 1882, 10: 74. 1883, 11: 78. 1883, 15: 47. 1888 (bibl. notes), 48(3): 46. 1921 (biogr. note).
Wood, R. D., Monogr. Charac. 1: 817. 1965.

EPONYMY: *Hyella* E. Bornet & C. Flahault (1888); *Hyellococcus* W. Schmidle (1905).

3170. Thèses [série A, no. 60. no. d'ordre 510] présentées à la faculté des sciences de Paris pour obtenir le grade de docteur ès sciences naturelles par l'abbé F. Hy. . . 1re thèse. – *Recherches sur l'archégone et le développement du fruit des muscinées*. . . soutenues le [19] juillet devant la commission d'examen. . . Paris (G. Masson, éditeur. . .) 1884. (*Rech. archégone*).
Publ.: 19 Jul 1884 (Bot. Zeit. 29 Aug 1884), p. [i, ii], [105]-206, [1, deuxième thèse], *pl. 9-14* (uncol.). *Copies*: B, FH, NY. – Reprinted from Ann. Sci. nat. Bot. ser. 6. 18: 105-206, *pl. 9-14*. 1884.

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Publ.: 1884-1885 (Bot. Zeit. 30 Jan 1885), p. [i], [iii], [1]-184, [1, err.]. *Copies*: G, NY. – Reprinted from Mém. Soc. natl. Agr. Sci. Arts Angers ser. 3. 25: 193-274. 1884, 26: 25-128. 1885.

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Publ.: 1893 (t.p. reprint Bot. Zeit. 1 Jun 1894), cover, p. [1]-36. *Copy*: G. – Reprinted from Mém. Soc. natl. Agric. Sci. Arts. Angers ser. 4. 6: 337-373. 1893.

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Publ.: late Dec 1913 (p. 47), p. [1]-47, *3 pl. Copy*: NY. – Soc. bot. France, Mém. 26. – Explanations plates and additions publ. Bull. Soc. bot. France 61: 235-241. 1914.

Hyde, Harold Augustus (1892-1973), Welsh botanist and aero-palynologist; high school teacher Birmingham 1914-1917, 1919-1922; at National Museum of Wales 1922-1962. (*Hyde*).

HERBARIUM and TYPES: NMW.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 204, 331; BL 2: 314, 265, 319, 671; Desmond p. 335; GR p. 401; Kew 3: 81-82; LS suppl. 12615; Roon p. 55.
Anon., Taxon 22: 524. 1973; Mus. Ass. Monthly Bull. 13(2): 19-20. 1973 (fide Kew Record); Biol. J. Linn. Soc. 5(4): 392. 1973; B.S.B.I. Welsh Region Bull. 21: 18-19. 1974 (fide Kew Record).
Harrison, S. G., Bull. Brit. pteridol. Soc. 1: 33-34. 1973; Watsonia 10(1): 113-114. 1974.
Hyde, H. A. and Wade, A. E., Welsh ferns, 1940 (ed. 5: 1969).

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Co-author: Arthur E. Wade (1895-x).

Ed. 1: 1934 (p. iv: 21 Mai 1934; J. Bot. Dec 1934), p. [i]-vii, *pl. 1-2*, 1-179. Copy: NY.
Ed. 2: 1957, 209 p., Cardiff (n.v.).

Ref.: H. W., J. Bot. 72: 355-356. Dec 1934.

Hylander, Clarence John (1897-x), American botanist. (*C. Hyl.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 225; Bossert p. 188; Kew 3: 82; NAF ser. 2. 6: 65.

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Hylander, Nils (1904-1970), Swedish botanist. (*Hyl.*).

HERBARIUM and TYPES: UPS (B. Peterson, in mss.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 226; BFM 2327, 2328, 1438, 3079; BL 2: 475, 476, 509, 510, 512, 515, 536, 537, 671; Bossert p. 188; Hortus 3: 1196 ("Hyl."); IF suppl. 4: 325; Kew 3: 82-83; MW suppl. p. 126; Zander ed. 10, p. 674.
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Larssen, Lustgården 52: 83-84. 1971.
Peterson, B., Taxon 20: 394. 1971.
Stafleu, F. A., Taxon 15: 325-326. Nov. 1966; 21: 186-187. 1972 (on his Prima loca plantarum vascularium Sueciae, 1970).
Walters, S. M., Watsonia 9: 295-296. 1973.

EPONYMY: *Hylandra* [sic] Å. Löve (1961).

3175a. *Nomenklatorische und systematische Studien über Nordische Gefässpflanzen.* Uppsala (Almqvist & Wiksells Boktryckeri AB) 1945. Oct. (*Nomenkl. Stud. Nord. Gefässpfl.*).
Publ.: 1945 (preface 22 June 1945), p. [1]-337. *Copies*: FAS, MO, NY, U. – Essential source for the nomenclature of many nordic taxa – A special issue "on better paper", limited to 50 numbered copies, was produced for sponsors and friends of the author. Uppsala Universitäts Årsskrift 1945, no. 7.

Ibbotson, Henry (1814-1886), British schoolmaster and botanist of Mowthorpe, nr. Castle Howard, Yorks.; companion of Richard Spruce 1826-1840 in England. (*Ibbots.*).

HERBARIUM and TYPES: SLBI (via Frederick Townsend, 1822-1905); further material (Ibbotson sold sets of British plants): CMM, GL, GOD, K, MANCH, OXF, YRK.
Ref.: Hooker, W. J., London J. Bot. 4: 496-497. 1845.
Kent, D. H., Brit. herb. 61. 1957.

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Publ.: 1848 (possibly in two parts 1846-1848 but no details known to us), p. [i-ii], [1]-206. *Copies*: HH, NY.

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Editors: Benjamin Bower Le Tall (1858-1906), Alfred Rayney Waller (1867-1922).
Publ.: Jul 1884 (p. [2]: 19 Jun 1884, J. Bot. Aug 1884), p. [1]-22, [1-2]. *Copies*: MO; IDC 7201.
Ref.: Anon., J. Bot. 22: 254. 1883.

Illick, Joseph Simon (1884-x) American forest botanist in Pennsylvania. (*Illick*).

HERBARIUM and TYPES: MO.

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Ed. 2: Jul 1915 (t.p.), frontisp., p. [1]-231, *pl. 1-129*. *Copies*: NY, USDA.
Ed. 3: Jan 1919 (t.p.), frontisp., p. [1]-235, *pl. 1-129*. *Copy*: NY.
Ed. 4: Mai 1923 (t.p.), frontisp., p. [1]-237, *pl. 1-129*. *Copies*: US, USDA.
Ed. 5: 1925, frontisp. (= *pl. 1*), p. [1]-237, *pl. 2-129* (n.v.; BL 1: 210).
Ed.5, reprint: 1928, frontisp. (= *pl. 1*), p. [1]-237, *pl. 2-129*. *Copies*: NY, US, USDA.
See also: Illick, J.S., Woody plants of Franklin Country, Pa., Bull. Penn. Dept. For. 21, 1921 (42 p.).

Ref.: Jennings, Torreya 15: 109-112. 1915, 24: 52-54. 1924.

Ilse, Hugo (1835-1900), German botanist and forester at Oderberg (1867), Trier (1868), Hohenheide/Stettin (1870), Pfalzburg (1870). (*Ilse*).

HERBARIUM and TYPES: B.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 61; Barnhart 2: 229; CSP 8: 2; GR p. 92; Hortus 3: 1196 ("Ilse"); IH 2: 299; Jackson p. 311; Rehder 5: 417; Zander ed. 10, p. 674.
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Publ.: Aug 1866 (author's note dated Mai 1866 in copy G; Bot. Zeit. 7 Dec 1866), p. [1]-365. *Copies*: B, BR, G. – Reprinted from Jb. k. Akad. Wiss. Erfurt, ser. 2. 4: 14-375. *Copy* of journal *publ.*: M.
Ref.: Ilse, Verh. bot. Ver. Brandenb. 6: 1-80. 1864.
H., Bot. Zeit. 24: 385-386, 395-396. 1866.

Imhof, Franz Jakob (*fl.* 1784), Swiss physician; Dr. med. Strassbourg 1784. (*Imhof*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Dryander 3: 431; Kew 3: 91; LS 13170; PR 4431 (ed. 1: 4894).

EPONYMY: *Imhofia* Heister (1755, *nom. rej.*); *Imhofia* Herbert (1821).

3180. *Zea maydis morbus* ad Ustilaginem vulgo relatus. Specimen inaugurale physico-medicum pro licentia gradum doctoris et privilegia obtinendi gravissimi medicorum ordinis consensu in alma academia argentoratensi die ii. Junii mdcclxxxiv. Solenni censurae submissum a Franc. Jacob. Imhof arovo-helveto. h.l.q.c. Argentorati [Strasbourg] (Typis Joh. Henrici Heitzii, Universit. Typogr.) s.d. [1784]. Qu. (*Zea mayd. morb.*).
Publ.: 2 Jun 1784, p. [i-iv], [1]-35, *1 pl.* (uncol., copp.). *Copy*: MO.
Trade issue: "*Zea maydis ad Ustilaginem vulgo relatus.* Specimen physico-medicum auctore Franc. Jacob. Imhof arovia-bernas. Accedit tabula aenea Argentorati" (id.) 1784. Qu. *Publ.*: 1784, p. [i], [1]-34, [1, expl. pl.], *1 pl.* (id.). *Copy*: G.

Incarville, Pierre Nicolas le Chéron, called d'Incarville (1706-1757), French Jesuit, teacher at Québec 1730-1739, missionary at Peking 1740-1757, botanist and sinologist. (*Incarv.*).

HERBARIUM and TYPES: P-JU (149 species from Peking, 144 from Maçao), and P. – A manuscript French-Chinese dictionary is at the Bibliothèque nationale.
Ref.: Incarville, Mém. Soc. imp. Naturalistes Moscou 3: 122-128. 1812, 4: 26-48. 1812 (list of plants collected in China).
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Lacroix, Figures de Savants 4: 138-140. 1938.
Stafleu, F. A., Intr. Jussieu Gen. Pl. xxxi. 1964 (plants P-JU).

EPONYMY: *Incarvillea* A. L. Jussieu (1789).

Ingegnatti, Annibale (1838-?), Italian physician and botanist at Mondovi (nr. Torino). (*Ingegn.*).

HERBARIUM and TYPES: Unknown; Burnat and Cavillier state that in the absence of a herbarium supporting I's identifications, much of what he said remains in doubt.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 231; BL 2: 377, 671; Bret. 1: 91; Saccardo cron. p. xxiv.
Burnat, Bull. Soc. bot. France 30: cxxi. 1883.
Cavillier, Boissiera 5: 56. 1941.

3181. *Catalogo delle principali specie vegetali* che crescono spontanee nel circondario *di Mondovi* . . . Mondovì-Breo (Tipografia di A. Fracchia) 1877. Qu. (*Cat. sp. veg. Mondovi*).
Publ.: 1877 (p. [8]: 10 Nov 1876), p. [3]-76. *Copy*: USDA. – Memoria desunta dalla Cronaca del R. Liceo G. B. Beccaria per l'anno scolastico 1875-1876. – List of cryptogams as well as phanerogams, province of Cuneo.

Ingham, William (1854-1923), British bryologist at York; organizing inspector of church schools, later on the staff of the York Education office. (*Ingh.*).

HERBARIUM and TYPES: LDS (Brit. mosses and liverworts, 11.200), phanerogams at NMW; further material at BR and LD.
Ref.: Anon., The New Phytologist 24(5): 312. 1925.
Kent, D. H., Brit. herb. 61. 1957.

BIBLIOGRAPHY and BIOGRAPHY: BB p. 163; CSP 16: 14; Desmond p. 336; IH 2: 300; LS 13175-13176; Nordstedt suppl. p. 8; SBC p. 123 ("Ingh.").
Anon., Rep. Brit. Bryol. Soc. 1923: 40-41, 1926: 153; Rev. Bryol. 25: 52. 1898, 26: 53. 1899, 28: 21, 24, 42. 1901, 29: 90. 1902, 30: 59, 79, 106. 1903, 31: 50. 1904, 33: 86. 1906, 34: 103, 123. 1907, 37: 89. 1910, 38: 95. 1911, 39: 88. 1912, 40: 63, 64. 1914.
Britten, J., J. Bot. 61: 318-319. 1923.
C.A.C., Naturalist 798: 238-239. 1923 (portr.).
Shaw, Naturalist 924: 2-3. 1973.

COMPOSITE WORKS: Editor of the *Census catalogue of British mosses* (1907) (J. Bot. Nov 1907) and *Census catalogue of British hepatics* (1913) (J. Bot. Mai 1913, Jul 1913; first issue spoiled except for a few early copies; second issue Jul 1913 with various additions).

Inzenga, Giuseppe (1816-1887), Italian mycologist at Palermo. (*Inzenga*).

HERBARIUM and TYPES: PAL; 30 orchids from Sicily were received by B in 1870.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 34; Barnhart 2: 232; Jackson p. 322; PR 4436; Rehder 5: 422; Saccardo 1: 91, 2: 59, cron. p. xxiv; Tucker 1: 363; Urban-Berl. p. 360.
Anon., Bot. Not. 1889: 29; Bot. Zeit. 46: 175. 1888.
Wittrock, V. B., Acta Horti Berg. 3(2): 163. 1903.

EPONYMY: *Inzengaea* Borzi (1885).

3182. *Funghi siciliani* studii del professor Giuseppe Inzenga . . . Palermo (Stabilimento tipografico di Francesco Lao . . .) 1865-1869. Qu. (*Funghi sicil.*).

Centuria prima: 1865, p. [1]-95, *pl. 1-8* (col.).
Centuria seconda: 1869, p. [1]-79, *pl. 1-10* (col.).

Copies: USDA; IDC 6277.
Re-issue: 1: 1869, Torino, Firenze; 2: 1878/9, Palermo (n.v.).

Irénée-Marie, Frère (Thomas Joseph Caron) (1898-x), Canadian botanist and clergyman; with the Frères de l'Instruction chrétienne at La Pointe-du-Lac and Laprairie, Québec. (*Irénée-Marie*).

HERBARIUM and TYPES: QMP and at Laprairie, Qué. (see IH); Desmids also at FH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 313, 2: 232; IH 2: 301; NAF ser. 2. 6: 65-66 (bibl.); Roon p. 56.
Anon., Chron. bot. 3: 78, 355. 1937, 4: 449. 1938, 5: 313, 368. 1939, 6(14): 333. 1941.
Castellanos & Perez Moreau, Lilloa 6: 70. 1941, 7: 532. 1942.
Koster, Taxon 18: 554. 1969.

3183. *Flore desmidiale de la région de Montréal* . . . Laprairie, Canada 1938 [1939]. (*Fl. desmid. Montréal*).
Publ.: 1939 (date on cover; t.p. dated 1938, imprimatur p. [2]: 18 Mar 1939), cover, p. [1]-547, *pl. 1-16* (on numbered pages). *Copy*: NY.

Irmisch, Johann Friedrich Thilo (1816-1879), German botanist; studied at Halle with Schlechtendal; from 1844 high school teacher at Sondershausen; Dr. phil. h.c. Rostock 1857. (*Irmisch*).

HERBARIUM and TYPES: B; another Irmisch herbarium is at JE.
Ref.: Anon., Bot. Zeit. 37: 408. 1879 (sale herb.).
Urban, I., Gesch. Berlin-Dahlem 361. 1916.
Meyer, F. K. and H. Manitz, Reichtümer und Raritäten, Jenaer Reden und Schriften 91. 1974 (herb. at JE).

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Anon., Bot. Zeit. 37: 328. 1879; Leopoldina 15: 65, 99-100. 1879 (bibl.) ("nur die Stille eines echt deutschen Gelehrtenlebens verschaffte ihm Zeit und Kraft für seine vielseitige Thätigkeit"); Trans. Proc. bot. Soc. Edingburgh 14: 41-44. 1883 (bibl.).
Eichler, A. W., Abh. bot. Ver. Brandenburg 21: 82-84. 1879.
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Trimen, H., J. Bot. 17: 223-224. 1879.
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Wittrock, V. B., Acta Horti Berg. 3(3): 138. 1905.

HANDWRITING: Hoppea 34(2): 418. 1976 (no. 4).

EPONYMY (genera): *Irmischia* D.F.L. von Schlechtendal (1847); *Thiloa* Eichler (1866); (journals): *Abhandlungen des Thüringischen Botanischen Vereins Irmischia zu Sondershausen.* Sondershausen. Vol. 1-3. 1882-1884; *Irmischia.* Correspondenzblatt des Botanischen Vereins für das Nördliche Thüringen. Sondershausen. Vol. 1-6. 1881-1886.

3184. *Systematisches Verzeichniss der in dem unterherrschaftlichen Theile der Schwarzburgischen Fürstenthümer wildwachsenden phanerogamischen Pflanzen,* mit Angabe der wichtigsten Culturgewächse . . . Sondershausen (Druck und Verlag von Friedrich August Eupel) 1846. Oct. (*Syst. Verz. Schwarzburg. Pfl.*).
Publ.: Apr-Mai 1846 (p. vii: 20 Mar 1846; Bot. Zeit. 19 Jun 1846), p. [ii]-xii, [1]-76, *Copies*: B, L, NY. – Beiträge zur Naturgeschichte Nordthüringens von F. Göbel und Th. Irmisch, Heft. 1.
Nachträge: Mar 1849, in Jahresber. fürstl. Schwarzb. Gymnasium 1849, p. 29-31. *Copy*: G.
Ref.: Schlechtendal, Bot. Zeit. 4: 440. 19 Jun 1846.

3185. *Beiträge zur Biologie und Morphologie der Orchideen* . . . Leipzig (Verlag von Ambrosius Abel) 1853. Qu. (*Beitr. Biol. Morph. Orchid.*).
Publ.: Jun 1853 (p. vi: 26 Dec 1852; Flora rev. 7 Jul 1853; "soeben" Bonplandia 15 Jun 1853, Bot. Zeit. 1 Jul 1853), p. [i]-viii, [1]-82, *pl. 1-6* (uncol. liths. auth.). *Copies*: G, M, WU.

3186. *Beitrag zur Naturgeschichte der einheimischen Valeriana-Arten* insbesondere der Valeriana officinalis und dioica . . . Halle (Druck und Verlag von H. W. Schmidt) 1854. Qu. (*Beitr. Naturgesch. Valeriana*).
Publ.: Dec 1853 (t.p. 1854; Flora rd. Dec 1853), p. [i], [19]-44, *pl. 1-4* (uncol. liths. author).

Copy: NY. – Reprinted from Abhandlungen der naturforschenden Gesellschaft zu Halle 1: [19]-44, *pl. 1-4* (id.); *copy* journ. publ.: MO.

3187. *Ueber einige Arten* aus der natürlichen Pflanzenfamilie *der Potameen* . . . Berlin (Verlag von G. Bosselmann) 1858. Qu. (*Arten Potameen*).
Publ.: Jun 1858 ("erschienen," Flora 21 Jul 1858, id. Bot. Zeit. 25 Jun 1858), p. [i, cover], [1]-56, *pl. 1-3* (uncol. liths.). *Copies*: G, L, NY. – Reprinted from Abhandlungen des Naturwissenschaftlichen Vereines für die Provinz Sachsen und Thüringen in Halle 2: 1-56. 1858.
Ref.: Schlechtendal, Bot. Zeit. 16: 301. 1 Oct 1858.

3188. *Ueber einige Fumariaceen* . . . Halle (Druck und Verlag von H. W. Schmidt) 1862. Qu. (*Fumariaceen*).
Publ.: 1862, p. [1]-122, *pl. 1-9* (uncol. liths. auth.). *Copy*: G. – Reprinted from Abhandlungen der naturforschenden Gesellschaft zu Halle 6: 195-316. 1862.

Irmscher, Edgar (1887-1968), German botanist; specialist on *Begonia*; studied plant physiology at Leipzig; from 1912-1919 with Engler in Berlin; curator (1919), later professor of botany at Hamburg until 1942; subsequently worked as emeritus professor at the Hohenheim agricultural college 1942-1968. (*Irmsch.*).

HERBARIUM and TYPES: B (*Begonia*); including some of Irmscher's manuscripts. Irmscher moved his *Begonia* herbarium (with many loans from abroad) from Hamburg to Stuttgart-Hohenheim; after his death the herbarium went to B. The moss herbarium is at the Institut für Botanik, Universität Hohenheim (Stuttgart) (inf. B. Frenzel). Some types of South African mosses described by Irmscher are at HBG. Further bryophytes are at H.

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Anon., Fl. males. Bull. 23: 1674. 1969 (obituaries and biogr. notes).
Hiepko, P., Willdenowia 6: 392. 1972 (herb.).
Hirsch, G. C., Index biol. p. 134. 1928.
Schuster und Schweitz, Generalregister Bot. Jahrb. 2(31-56): 83. 1938.
Walter, Jahresh. Ges. Naturk. Württemberg 124: 44-46. 1969.
Wulff, E. V., Intr. hist. pl. geogr. 222 [index]. 1943.
Ziesenhenne, Begonian 37(2): 27-29. 1970 (bibl., portr.).

COMPOSITE WORKS: (1) EP, *Die natürlichen Pflanzenfamilien* ed. 2. *Begoniaceae* 21: 548-588. Dec 1925 (TL-2/1711).
(2) Engler, *Pflanzenreich*, with A. Engler, *Saxifraga*, Hefte 67: 1-451. 26 Sep 1916, 69: 449-709. 6 Jun 1919 (TL-2/1713).
(3) *Beiträge zur Laubmoosflora von Columbien*, *in* O. Fuhrmann et E. Mayor, *Voy. expl. sci. Colombie*, Neuchatel, 1914, p. 11-116 (Mém. Soc. neuch. Sci. nat. 5, 1914).
(4) *Beiträge zur Kenntniss der Flora von Borneo*, ed. Irmscher, Mitt. Inst. allg. Bot. 7: [i-ii], [1]-308, [309-310]. 15 Jul 1927.

3189. *Pflanzenverbreitung und Entwicklung der Kontinente.* Studien zur genetischen Pflanzengeographie. Hamburg (Institut für allgemeine Botanik) 1922. Oct. (*Pfl.-Verbr. Entw. Kontinente*).
Publ.: 1922 (p. 235: 1 Aug 1922), p. [15]-235, *pl. 1-12*. *Copy*: FAS. – Reprinted from Mitteilungen aus dem Institut für allgemeine Botanik in Hamburg 5. Bd. 1922.

3190. *Die Begoniaceen der Malaiischen Halbinsel.* . . Hamburg (Institut für allgemeine Botanik . . .) 1929. Oct. (*Begoniac. Malai. Halbins.*).
Publ.: 1929, [cover with reprint t.p.], [86]-160, *pl. 1-10* (photogr.). *Copy*: US. – Mitteilungen aus dem Institut für allgemeine Botanik in Hamburg 8: [86]-160, *pl. 1-10* (id.).

3191. *Die Begoniaceen Chinas* und ihre Bedeutung für die Frage der Formbildung in polymorphen Sippen. . . Hamburg (Institut für allgemeine Botanik. . .) 1939. Oct. (*Begoniac. Chinas*).

Publ.: 1939, cover, [i, iii], [431]-557, *pl. 1-17* (photogr.). *Copy*: US. – Reprinted from Mitteilungen aus dem Institut für allgemeine Botanik in Hamburg 10: [431]-557, *pl. 1-17*.

Irvine, Alexander (1793-1873), Scottish schoolmaster; educated at Aberdeen University; from 1851 at Chelsea. (*Irvine*).

HERBARIUM and TYPES: K, MANCH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 233; BB p. 163; BL 2: 255, 671; BM 2: 910; CSP 3: 498; Desmond p. 337; DNB 29: 48; IH 2: 302; Jackson p. 563 [index]; Kew 3: 120-121; PR 4499-4501 (ed. 1: 4957); Rehder 5: 422; SO 188, add. 188, 846a; Tucker 1: 363.
Anon., Flora 56: 304. 1873.
Druce, G. C., Fl. Northamptonshire cxv-cxvi. 1930; Fl. Buckinghamshire xcix. 1926.
Kent, D. H., Brit. herb. 61. 1956; Hist. fl. Middlesex 20. 1975.
Moore, S., *in* J. B. L. Warren (Lord de Tabley), Fl. Cheshire lxxv. 1899.
Praeger, R. L., Proc. R. Irish Acad. 7: cxxv. 1901.
Salmon, C. E., Fl. Surrey 51-52. 1931.
Trimen, H. J. Bot. 10: 222. 1871, 11: 192, 222-223. 1873.

COMPOSITE WORKS: Editor of *Phytologist* ser. 2, vols. 1-6, 1855-1863 ("not very successfully, as his style was cumbersome and tedious" Druce 1930); of *The Botanists' Chronicle* Feb 1864-Apr 1865, the latter a penny periodical devoted to the British flora.

3192. *The London flora*; containing a concise description of the phaenogamous british plants, which grow spontaneously in the vicinity of the metropolis, with their localities; arranged in conformity to the natural system: also a Linnaean arrangement of all the indigenous british species. To which is prefixed a comprehensive introduction to the natural method, an account of classification, and a sketch of botanical geography. . . London (Smith, Elder and Co., . . .) 1838. Duod. (in sixes). (*London fl.*).
Publ.: 1838 (p. xiii: 22 Aug 1838), p. [i]-xvi, [1]-340. *Copies*: M, MO, NY. – BM has an interleaved copy with the author's later annotations (Britten 1921).
Ref.: Britten, J. Bot. 59: 178-179. 1921.
De Crespigny, E. C., A new London flora, London 1877, xxiv, 179 p.

3193. *The illustrated handbook of the British plants*. . . London (Thomas Nelson and Sons, . . .) 1858. Oct. (*Ill. handb. Brit. pl.*).
Publ.: 1855-1858, in (five?) parts, contents and dates of which are unknown (t.p.: 1858), p. [i]-xxiv, [1]-840. *Copies*: G (incomplete, p. 1-224), HH, NY. – The fascicles are dated per month on each eighth page (p. 1: Mai 1855; p. 224: Aug 1858).

Irvine, Frederick Robert (1898-1962), British botanist; from 1924-1940 lecturer at Achimota College, Ghana; in England 1940-1961; at Legon, Ghana 1961-1962. (*F. Irvine*).

HERBARIUM and TYPES: A, BM, E, FHO (main coll.), GC, K. – Manuscripts at BM, E and G.
Ref.: Hepper, F. N. and F. Neate, Pl. coll. W. Afr. 40. 1971.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 232; BL 1: 39, 302; Desmond p. 337; IH 2: 302; Kew 3: 121.
Anon., The Times 22 Aug 1962.
Hepper, Nature 196: 319. 1962.
Morton, Proc. Linn. Soc. London 174: 155. 1963.
Potier de la Varde, Rev. bryol. lichén. 20(3/4): 196. 1951 (Gold Coast and Sierra Leone mosses collected by I.).

PORTRAIT: See Bossert, p. 190.

3194. *Plants of the Gold Coast*. . . Oxford University Press London: Humphrey Milford 1930. Oct. (*Pl. Gold Coast*).
Publ.: 1930 (p. ix: Apr 1930), frontispiece, p. [i]-lxxix, [1]-521, *fig. 1-69* (on plates). *Copies:* MO, USDA. – Annotated list of ca. 1200 phanerogams.

Isert, Paul Erdmann (1756-1789), German explorer and colonial administrator in the Danish possessions in Guinea (1783-1786) and the West Indies (1786-1787). (*Isert*).

HERBARIUM and TYPES: C (microfiche Isert & Thonning herb. IDC 2203); duplicates at B-Willd., G, GH, M, S. The LZ set is no longer extant.
Ref.: Urban, I., Symb. ant. 1: 84. 1896; 3: 68. 1902.
Junghans, Bot. Tidsskr. 57: 310-355. 1961, 58: 82-122. 1962 (enum. material at C).
Hepper, F. N. and F. Neate, Pl. coll. W. Afr. 41. 1971.
Hepper, F. N., The West African herbaria of Isert & Thonning Kew 1976, 227 p. (full review of collections as on IDC microfiche).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 233; BM 2: 911; Dryander 1: 164, 2: 122, 3: 290; GR p. 22, cat. p. 65; IH 2: 302; Kew 3: 122; Langman p. 388; Lasègue p. 339, 345, 443, 504; PR (alph.) (ed. 1: 4962); Rehder 3: 266; Urban-Berl. p. 361, 414.
Christensen, C., Danske bot. Hist. 1: 117. 1924, 2: 105. 1924.
Eriksson, G., Bot. hist. Sverige 262. 1969.
Isert, P. E., Index plantarum quas in regionibus Guineae . . . collegit P. E. Isert (mss. at C, see Warming 1880 and Kiaerskou 1900).
Kiaerskou, Bot. Tidsskr. 23: 41. 1900.
Rydberg, P. A., Augustana Coll. Libr. Publ. 5: 20. 1907.
Vallot, Bull. Soc. bot. France 29: 181-182. 1882.
Warming, E., Bot. Tidsskr. 12: 79. 1880.

HANDWRITING: Hepper, F. N., The West African herbaria of Isert and Thonning, Kew, 1976, *pl. 2.*; see also Bot. Tidsskr. 57: 312. 1961.

EPONYMY: *Isertia* Schreber (1789).

3195. Paul Erdmann Isert's, . . . *Reise nach Guinea* und den Caribäischen Inseln in Columbien, in Briefen an seine Freunde beschrieben. . . Kopenhagen (Gedruckt bey J. F. Morthorst, . . .) 1788. Oct. (*Reise Guinea*).
Publ.: 1788 (p. viii: Dec 1787), p. [i-xvi], [1]-376, [i]-lxx, [1-6, ind.], [1, note, 1, err.], *1 pl.* (uncol. copp.). *Copy*: MICH.
Dutch translation: Dordrecht 1790 (n.v.).

Isnard, Antoine-Tristan Danty d' (1663-1743), French botanist at the Jardin du Roi at Paris; established the genus *Euphorbia*. (*Isnard*).

HERBARIUM and TYPES: P, kept separate (150 "portefeuilles"); the plants are mainly from the Paris botanic garden and from Tournefort. Acquired by A. L. de Jussieu, but not incorporated in P-JU; duplicates in P-LA and OXF.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 289; Barnhart 2: 234; Clokie p. 188; Dryander 3: 245, 251, 283, 295, 297, 299, 313; IH 2: 303; PH (alph.); Rehder 5: 423.
Deleuze, J. R. F., Hist. Mus. hist. nat. 1: 18-19.
Nicolas, J. P., *in* G. M. L. Lawrence, ed., Adanson 1: 221. 1963.
Reynier, Bull. Soc. bot. France 68: 213. 1921.
Stafleu, F. A., Intr. Jussieu Gen. pl. xxxix. 1964.

HANDWRITING: Clokie, H., Account herb. Oxford 279. 1964.

EPONYMY: *Dantia* [sic] Boehmer (1760); *Isnardia* Linnaeus (1753).

Issler, Émile (Emil) (1872-1952), Alsatian botanist at Colmar. (*Issl.*).

HERBARIUM and TYPES: Unknown. Some material at B and W.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 634; Barnhart 2: 235; BFM 526, 543, 591, 1224, 1225, 1226, 1907; BL 2: 153, 671; CSP 16: 27; IH 2: 303; Kew 3: 123-124; Rehder 2: 313; Tucker 1: 363.

Schuster und Schweitz, Generalregister Bot. Jahrb. 2(31-56): 83. 1938.

NOTE: For his *Gefässpflanzen der Umgebung Colmars*, published in the Mitt. philom. Ges. Elsass-Lothr. between 1900 and 1905 see BL 2: 153.

3196. *Führer durch die Flora der Zentralvogesen* eine Einführung in die Vegetationsverhältnisse der Hochvogesen . . . Leipzig (Verlag von Wilhelm Engelmann) 1909. Oct. (*Führ. Fl. Zentralvogesen*).
Publ.: Apr 1909 (p. iv: Mar 1909; Nat. Nov. Mai(1) 1909), p. [i]-iv, [5]-64, [1, cont.], *pl. 1-4*. *Copies*: HO, HH. – Main part originally published in Bot. Jahrb. 43: 6-62. 23 Feb 1909.

Istvánffi de Csík Madéfalva, Gyula, until 1886 Julius Schaarschmidt, (1860-1930), Hungarian botanist. (*Istv.*).

HERBARIUM and TYPES: BP.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 42, 49, 267, 323; Barnhart 2: 235; BM 2: 912; Bossert p. 191; CSP 16: 28; De Toni 4: xxxi; Hirsch p. 135; IH 2: 303; Kew 3: 124; LS 13341-13389, 35157-35194, suppl. 12674-12697; Nordstedt p. 18; Plesch p. 277; Rehder 1: 66; TL-2/1149; Tucker 1: 363.
Pax, F., Grundz. Pflanzenverbr. Karpathen 29, 35, 45, 49. 1898 (Veg. Erde 2(1)).
Wittrock, V. B., Acta Horti Berg. 3(2): 157. *pl. 22*. 1902 (portr.), 3(3): 170. 1905.
Wood, R. D. Monogr. Charac. 1: 818. 1965.
Zimmermann, Ber. deut. bot. Ges. 48: 321. 1930.

3197. *A magyar ehető és mérges gombák könyve* a legközönségesebb ehető s merges fajok megismerésére szerzette. . . Budapest (Hornyánszky Victor Cs., . . .) 1899. Oct.
Publ.: Jan-Sep 1899 (Bot. Zeit. Dec 1899; Nat. Nov. Oct(1) 1899), p. [i*], [i]-xx, [1]-361, *pl. 1-2, 3/4, 5/8, 6-13, 14/15, 16/17, 18, 19/20, 21-28, 30-41* (col. liths.). *Copies*: MICH, USDA. – [The Hungarian edible and poisonous fungi].

3198. *A Clusius-Codex mykologiai méltatása* adatokkal Clusius életrajzához irta Csík-Madéfalvi Istvánffi Gyula dr . . . Budapest (Szerzö Költségén; chez l'auteur) 1900. Fol.
Publ.: 1898-1900, p. [ii-x], [(1)]-(287), *pl. 1-13, 13bis, 14-19, 19bis, 20-56, [56bis], 57-86*, nos. *67* and *86* double, all coloured. *Copies*: FAS, Stevenson, USDA. – French t.p., ["Études et commentaires sur le Code de l'Escluse augmentés de quelques notices biographiques". – A reprint of Clusius, *Fungorum in pannoniis observatorum brevis historia* as it appeared in the *Rariorum plantarum historia* (1601), followed by a commentary in Hungarian and French. The plates are reproductions of watercolour drawings of the Leiden Clusius-Codex. Publication took place in ten parts between 1898 and 1900.

Ito, Keisuke (1803-1901), Japanese herbalist. (*K. Ito*).

HERBARIUM and TYPES: A small collection at L; no herbarium specimens seem to be extant in Japan (inf. H. Hara).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 290; Barnhart 2: 235; BM 2: 913; Bossert p. 191; CSP 16: 29; GF p. 61; Kew 3: 125; MW p. 210-211; NI 1009; Rehder 5: 423; Tucker 1: 364.
Anon., Bot. Z. 59(2): 112. 1901.
Britten, J. Bot. 32: 95. 1894.
Ito, T., J. Bot. 25: 225-229. 1887 (portr.); A biographical sketch of Keisuke Ito. Tokyo 1898, 15 p.; Ann. Bot. 14: 401-411. 1900 (bibl., portr.).
Miyaké, Science ser. 2. 13(332): 734-735. 1901.
Wittrock, Acta Horti Berg. 2(2): 167. 1903.

NOTE: For further information on publications see MW.

EPONYMY: *Itoa* Hemsley (1901, also dedicated to his grandson Tokutaro Ito (1868-1941, q.v.); *Itoasia* O. Kuntze (1891, dedicated to the whole Ito family of outstanding botanists. Kuntze specifically refers to Keisuké and his grandson Tokutaro); *Keiskea* Miquel 1865.

Ito, Tokutaro (1868-1941), Japanese botanist, grandson of Keisuke Ito. (*T. Ito*).

HERBARIUM and TYPES: TNS (inf. H. Hara).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 290; Barnhart 2: 235; BM 2: 913; Bossert p. 191; CSP 16: 29; Hortus 3: 1196 ("T. Ito"); Kew 3: 125; LS suppl. 12715-12716; MW p. 212-213; NI 1010; Rehder 5: 423; Tucker 1: 364, 776; Zander ed. 10, p. 674.
Diels and Mildbraed, Generalregister Bot. Jahrb. 1(1-30): 29. 1904.
Hirsch, G. C., Index biol. p. 135. 1928.
Phillips, V. T. and M. E., Guide mss. coll. acad. Phila. p. 913. 1963.
Schuster and Schweiz, Generalregister Bot. Jahrb. 2(31-56): 84. 1938.

3199. *Tentamen florae lutchuensis* auctoribus T. Ito et J. Matsumura. Sectio I. Plantae dicotyledonae polypetalae . . . Tokyo 1899. Qu. †. (*Tent. fl. lutchu.*).
Co-author: Jinzo Matsumura (1856-1928).
Publ.: 1899 (p. v: 23 Mar 1899), p. [i*], [i]-v, [1]-274. *Copy*: US. – Reprinted from J. Sci. Coll., Imp. Univ., Tokyo 12: 263-396 [second set of pages thus numbered], 397-541. 1899. Also issued as a reprint with original pagination and a special cover with t.p. as above. *Copies* of the latter: BR, MO, NY.

3200. *Icones plantarum japonicarum* or coloured figures and descriptions of plants indigenous to or cultivated in Japan including the Bonin Islands, the Luchu Islands, Formosa, Korea, the Kurile Islands and Southern Saghalien . . . Tokyo (The Botanical Institute), 1911-1913. 5 parts. †. (*Icon. pl. japon.*).
Vol. 1, no. 1: 3 Nov 1911, cover, [i-ii], *pl. 1-4* (with independently paginated text per plate; col.).
no. 2: 3 Dec 1911, cover, [i-ii], *pl. 5-8* (id.).
no. 3: 30 Jun 1912, cover, [i-ii], *pl. 9-12* (id.).
no. 4: 3 Sep 1912, cover, [i-ii], *pl. 13-16* (id.).
no. 5: 10 Jul 1913, cover, [i-ii], *pl. 17-20* (id.).
no. 6: 1924, *pl. 21-24* (id.).
Copies: MICH, NY.

Itzigsohn, [Ernst Friedrich] Hermann (1814-1879), German physician and naturalist; Dr. med. Berlin 1836; practiced in Frankfurt a.O., Cüstrin and Neudamm, ultimately at Schöneberg. (*Itzigs.*).

HERBARIUM and TYPES: B, GOET, KIEL. – Manuscripts and drawings at WRSL.
Ref.: Sayre, Bryologist 80: 510. 1977 (1978).

BIBLIOGRAPHY and BIOGRAPHY: Barnhardt 2: 236; BM 2: 913; CSP 3: 501-502, 8: 5, 10: 311; De Toni 2: lxvi, 4: xxxi; Frank 3 (Anh.): 48; IH 2: 303; Jackson p. 158; Kew 3: 126; LS 13392-13407; Moebius p. 75, 112; Nordstedt p. 19; PR 4507-4508; SBC p. 123 ("Itzig."); Urban-Berl. p. 303; Zander ed. 10, p. 674.
Aderhold, R., General-Register Bot. Zeit. (1-50) p. 34-35. 1895 (bibl.!).
Anon., Bot. Not. 1880: 28; Rev. bryol. 6: 2. 1879; Bot. Zeit. 37: 80. 1879; Jahres-Ber. schles. Ges. vaterl. Cultur 57: 277-279. 1880.
Bay, J. C., Flora Gesamt-Register 26-100, p. 22. 1910.
De Toni, G. B., Syll. alg. 1: lxvi-lxvii. 1889.
Szweykowski, J., Prodr. fl. hepat. Polon. 561. 1958.
Trimen, J. Bot. 17: 96. 1879.
Volkens, Verh. bot. Ver. Brandenburg 51: (84). 1910 (*d.* 1878).
Wood, R. D., Monogr. Charac. 1: 818-819. 1965.

3201. *Verzeichniss der in der Mark Brandenburg gesammelten Laubmoose*, nebst einigen Bemerkungen über die Spermatozoen der phanerogamischen Gewächse. . . Berlin (Im Verlage der Hischwald'schen Buchhandlung. (Ed. Aber.)) 1847. Oct. (in fours). (*Verz. Brandenb. Laubm.*).
Publ.: Mai-Dec 1847 (p. iv: day before Easter 1847; Flora rd. Jan 1848), p. [i]-iv, [1]-20. *Copies*: B, BR, G.

3202. *Phykologische Studien* . . . mit drei Tafeln [Bonn 1855]. Qu.
Publ.: 1855, p. [1]-32, *pl. 9-11* (col. liths. author). *Copy*: FH. – Reprinted from Nova Acta Leop. 26(1): 135-167. 1857 [1855]. To be cited from journal.
Ref.: Itzigsohn, E. F. H., Bot. Zeit. 12: 564. 1854, 14: 46. 1856, 26: 45. 1868 (further stud.).

Ives, Joseph Christmas (1828-1868), American explorer; officer in the U.S. army corps of topographical engineers. (*Ives*).

HERBARIUM and TYPES: US.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 914; IH 2: 304; Jackson p. 509; Kew 3: 126; Langman p. 389; Lenley p. 461; ME 3: 603; NAF ser. 2. 7: 41; PR 4555; Rehder 1: 323; TL-2/1691, see also A. Gray; Tucker 1: 364.
Clarke, J. M., James Hall of Albany 298. 1923.
Reveal and Hafen, *in* Hafen et al., Western America ed. 3. 1970, p. 389.
Rodgers, A. D., John Torrey 249, 255-256, 301.

EPONYMY: *Ivesia* Torrey & Gray (1858) is dedicated to Eli Ives (1779-1861), American botanist and physician.

3203. 36th Congress, 1*st* Session. Senate. Ex. Doc. *Report upon the Colorado River* of the West, explored in 1857 and 1858 by Lieutenant Joseph C. Ives, . . . under the direction of the Office of explorations and surveys, A. A. Humphreys, captain topographical engineers, in charge. By order of the secretary of war. Washington (Government Printing Office) 1861. Qu. (*Rep. Colorado R.*).
Publ.: 1861 (p. 2: 27 Jun 1860, order to print).
Part 1 (general): 2 maps, 1 profile, 1 frontispiece, p. [1]-131, 8 panoramic views (1-8), *pl. 1-4* (engr.), *pl. 1-7* (indian portr.), woodcut, 1-41.
Part 2 (hydrogr. rep.): p. [1]-14.
Part 3 (geol. rep.): p. [1]-154, *pl. 1-3* (lith.), *1-3* (palaeo.), maps 1-2, woodcuts 1-27.
Part 4 (botany, by Asa Gray, John Torrey, George Thurber, and George Engelmann): p. [1]-30.
Part 5 (zool.): p. [1]-6.
Appendices: [1]-32.
Copies: MICH, MO, NY.

Jaag, Otto (1900-x), Swiss botanist and teacher at Beringen (Kanton Schaffhausen) (1921-1924), who studied with R. Chodat at Genève 1924-1929; subsequently at Zürich. (*Jaag*).

HERBARIUM and TYPES: Material from Indonesia at BO and ZT, orig. herbarium private.
Ref.: Anon., Taxon 18: 554. 1969.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 192; GR p. 642, *pl.* [*22*]; IH 2: 305; Kew 3: 129; LS suppl. 12752-12754; SK 1: 256-605, 8: xlix.

FESTSCHRIFT: Schweizerische Zeitschrift für Hydrobiologie, vol. 22, 1960; Wasser Abwasser 111: 175-246. 1970 (biogr. by A. Hörler and various evaluations; portr.).

EPONYMY: *Jaagia* W. Vischer (1950); *Jaagichlorella* H. Reisigl (1964); *Jaagiella* W. Vischer (1960).

3204. Die Kryptogamenflora des Rheinfalls und des Hochrheins von Stein bis Eglisau, *Mitt. naturf. Ges. Schaffhausen* 14(1): 1-158. 1938.
Publ.: 1938, p. [i], [1]-158, *figs. 1-26*, *pl. 1-18*, 5 charts. *Copy*: G.

3205. Beiträge zur Kryptogamenflora der Schweiz . . . Band viii, Heft 1 *Coccomyxa* Schmidle Monographie einer Algengattung von Otto Jaag. Bern (Buchdruckerei Büchler & Co., Kommissionsverlag von Gebr. Fretz A.G. Zürich) 1933. Oct. (*Coccomyxa*).
Publ.: 1933 (p. 6: Jul 1933; Nat. Nov. Aug-Sep 1934), p. [ii]-viii, [1]-132, *fig. 1-47*, *pl. 1-4*, *Copy*: USDA.

Jaap, Otto (1864-1922), German botanist and entomologist; from 1884-1887 high school teacher at Triglitz, from 1887-1912 at Hamburg. (*Jaap*).

HERBARIUM and TYPES: HBG; further material at B, E and H. – *Exsiccatae*:
(1) *Fungi selecti exsiccati* (34 ser., 1903-1917, 850 nos.), sets at B(extant) and FH (continued by Brick, ser. 35-39, nos. 851-959, set FH); descriptions, notes and lists were published in the Verh. bot. Ver. Brandenburg 1905-1917. (For a detailed list see No. 3207).
(2) *Myxomycetes exsiccati* (10 ser., 1907-1916, 200 nos.), sets at B (extant), BPI and FH.
Jaap also published sets of Coccidia and Zoocecidia from 1909 onward.
Ref.: Stevenson, J., Beih. Nova Hedw. 36: 202-205. 1971.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 237; Bossert p. 192; CSP 16: 34; DTS 3: xliv, Nachtr.: 2, 6(4): 156; GR p. 22, cat. p. 65; Kew 3: 129; LS 12880-12896, 34868-34880, suppl. 12755-12774; NAF 1(1): 161; 7(15): 1070; Rehder 1: 234; SBC p. 123 ("Jaap"); Stevenson p. 1246; Urban-Berl. p. 265, 277, 287.
Anon., Bot. Not. 1923: 383; Marcellia 20: xxviii. 1923; Rev. bryol. 26: 50. 1899, 28: 22. 1901, 29: 90. 1902, 33(1): 13. 1906, 34(3): 53. 1907.
Brick, Bot. Arch., Koenigsberg, 4(1): 4-8. 1923 (bibl.).
Ross, Ber. deut. bot. Ges. 40: (77)-(85). 1922 (bibl.).

EPONYMY: *Jaapia* Bresadola (1911); *Jaapia* Kirschstein (1938).

3206. *Beiträge zur Moosflora der Umgegend von Hamburg* . . . [Hamburg (Naturwiss. Ver. Hamburgs) 1899.].
Orig.: 1900 (t.p.: 1899; Nat. Nov. Oct(1) 1900; Karl Müller received his copy 19 Dec 1900), p. [1]-42. *Copies*: B, Steere (*copy* Karl Müller). – Reprinted from Verhandlungen des Naturw. Vereins in Hamburg ser. 3. 7: [1]-42. 1899. To be cited from journal.
Weitere Beiträge . . . 1905 (USDA rd. 12 Sep 1906), p. [105]-151. *Copies*: B, USDA. – Reprinted from id. ser. 3. 13: [105]-151. 1905.

3207. [*Erstes-Achtes*] *Verzeichnis zu meinem Exsiccatenwerk "Fungi selecti exsiccati,"* . . ., nebst Beschreibungen neuer Arten und Bemerkungen [Selbstverlag des botanischen Vereins der Provinz Brandenburg Dahlem Steglitz bei Berlin 1905-1917]. Oct.
Publ.: in *Abhandlungen des botanischen Vereins der Provinz Brandenburg* as follows (reprints exist with original pagination – set at FH):

Erstes Verzeichnis: 47: 77-99. 8 Apr 1905.
Zweites Verzeichnis: 49: 7-29. 1 Jul 1907.
Drittes Verzeichnis: 50: 29-51. 10 Jan 1908.
Viertes Verzeichnis: 52: 1-19. 25 Jun 1910.
Fünftes Verzeichnis: 54: 17-31. 13 Dec 1912.
Sechstes Verzeichnis: 56: 77-92. 6 Jun 1914.
Siebentes Verzeichnis: 57: 8-25. 20 Jan 1915.
Achtes Verzeichnis: 59: 24-40. 15 Jan 1918.

Jaccard, Henri (1844-1922), Swiss botanist, high school teacher at Morges (1868-1872) and Aigle (1872-1915); from 1915 at Lausanne. (*Jaccard*).

HERBARIUM and TYPES: LAU (rd. 1909).

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 344; Barnhart 2: 237; BFM 972, 973, 1031; BL 2: 562, 586, 587, 588, 589, 590, 671; BM 2: 914; CSP 16: 35; IH 2: 305; Kew 3: 129; KR p. 317; Rehder 1: 438, 2: 369, 5: 424; Saccardo 2: 59.
Anon., Ber. schweiz. bot. Ges. 32: ix. 1923; Hedwigia 65 (Beibl.): 95. 1923; Tribune de Lausanne 18 Jun 1822.
Antonietti, A., Ber. schweiz. bot. Ges. 87(3/4): 133-136. 1977 (on Becherer and J.).
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3208. *Catalogue de la flore Valaisanne* . . . Bâle, Genève et Lyon (En commission chez H. Georg. Imprimerie Zurcher & Furber à Zürich) 1895. Qu. (*Cat. fl. Valais.*).
Publ.: Apr-Aug 1895 (p. iv: Dec 1894; Nat. Nov. Sep (1) 1895; Bot. Zeit. 1 Nov. 1895), cover, p. [i]-lvi, [1]-472. *Copies*: BR, G, M, NY. – Reprinted from Nouveaux Mémoires de la Société helvétique des sciences naturelles vol. 34, 1895. On p. 434-460: J. Briquet, *Observations sur quelques labiées valaisannes.*
Supplement: "*Florae vallesiacae supplementum* Supplement zu Henri Jaccards Catalogue de la flore valaisanne under Benützung eines von Jaccard nachgelassenen Manuskriptes bearbeitet von Alfred Becherer, . . ." Zürich (Kommissionsverlag von Gebrüder Fretz Ag., Zürich) 1956. *Publ.*: 15 Aug 1956, p. [i-iv], [1]-556. *Copies*: BR, G. – Denkschriften der Schweizerischen naturforschenden Gesellschaft vol. 81, 1956. – *Editor* and for the major part *author*: Alfred Becherer (1897-1977).

Jack, Joseph Bernhard (1818-1901), German pharmacist at Salem in Baden (1848-1874); later retired at Konstanz; Dr. h.c. Freiburg 1898. (*J. B. Jack*).

HERBARIUM and TYPES: G (hepat.), M (other crypt.); further material at B (extant), STU, WA, Z. – *Kryptogamen Badens* (21 fasc., 1857-1880, 1000 nos.) at B, E, FH, G, HAL, K, M, NY, STU, UPS (with Ludwig Leiner (1830-1901) and Ernst Stizenberger (1827-1895)).
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3209. *Die Lebermoose Badens.* Ein Beitrag zur Kenntniss der Lebensweise und geographischen Verbreitung dieser Pflanzen . . . Freiburg im Breisgau (Universitäts-Buchdruckerei von H. M. Poppen und Sohn) 1870. Oct. (*Leberm. Badens*).
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Sauter, Flora 53: 336, 337-338. 24 Oct 1870.
H.S., Bot. Zeit. 28: 789. 9 Dec 1870.

3210. *Hepaticae Europaeae.* Jungermannidae Europae post semisaeculum recensitae, adjunctis hepaticis, auctore B.C. Du Mortier. Bruxelles 1874. Von J. B. Jack. [Leipzig (Breitkopf und Härtel) 1877]. Qu.
Publ.: 1877, p. [1]-23, [1, err.], *1 pl. Copy*: FH. – Reprinted from Bot. Zeit. 35: 49-59, 65-74, 81-93, 97-111. 1877 (issues dated). – A critical review. To be cited from journal.

3211. *Die europäischen Radula-Arten* [Regensburg (Verlag der Redaction [der Flora] 1881). Oct.
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3215. *Flora des Badischen Kreises Konstanz*...Karlsruhe (Druck und Verlag von J. J. Reiff) 1900. Oct. (*Fl. Konstanz*).
Publ.: 1900 (p. 8: autumn 1899; Bot. Zeit. 16 Aug 1901; Nat. Nov. Jun(1) 1901), p. [1]-132. *Copies*: B, G.

Jack, John George (1861-1949), American, largely self-taught, dendrologist; from 1891-1935 at the Arnold Arboretum; ultimately associate professor of dendrology. (*J. G. Jack*).

HERBARIUM and TYPES: A; for duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 411-412, 534; Barnhart 2: 237; CSP 16: 37; Hortus 3: 1196; IH 2: 305; Kew 3: 129; LS 12903; MW p. 214; NW p. 49; Rehder 5: 424; Tucker 1: 364; Zander ed. 10, p. 674.
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EPONYMY: *Sinojackia* H. H. Hu (1928).

Jack, William (1795-1822), British botanist; educated at Aberdeen; surgeon in the Bengal medical service (1813); to Sumatra with Raffles (1818); died at sea near S. Sumatra. (*W. Jack*).

HERBARIUM and TYPES: The greater part of Jack's collections and manuscripts was lost by fire while in transit to Europe. Duplicates had previously been received by Wallich and are now mainly at BM, E, K and G. Smaller numbers of duplicates are in several herbaria. – See Merrill for a critical discussion of "William Jack's genera and species of Malaysian plants" (1952).

Ref.: Wallich, N., Catalogue plants East India Comp. Herb., 1830-1832 (list of Jack's plants).
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HANDWRITING: J. Bombay nat. Hist. Soc. 56(3): 455. 1959.

EPONYMY: *Jackia* Wallich (1824); *Jackia* Blume (1825); *Jackia* K. P. J. Sprengel (1826); *Jakkia* [sic] Blume (1823).

3216. *Descriptions of Malayan plants.* 1820-1822.
Publ.: Original publication in Malayan Miscellanies, at the Sumatran Mission Press, Bencoolen: 1(1): 1-27 (Aug 1820), 1(5): 1-49 (Oct-Nov 1820), 2(7): i-iii, 1-96 (1822). – Only a few copies were distributed; the stock was accidentally burnt in 1824 (copy at British Museum, Bloomsbury, London). – The above dates are taken from the Jack-Wallich correspondence published by Burkill in Gage.
Facsimile reprint: 1977, Leiden (Boerhaave Press), ISBN 90-70157-05-x. *Copy*: FAS. – See Taxon 27(1): 111. 1978.
Other reprints:
1, in Bot. Misc. Hooker 1: 273-290, 2: 66-89. 1830-31; Hooker, J. Bot. 1: 358-380. 1834; Comp. Bot. Mag. 1: 121-157, 219-224, 253-273. 1835.
2, in Calcutta J. Nat. Hist. ed. (Griffith) 4: 1-62 (Apr); [159]-231 (Jul); 305-374 (Oct 1843). *Copy*: L.
3, in Trübner's Oriental Series ser. 2. 1: 2. 1887 (n.v.).
The order of the descriptions is different in the various reprints. An independently paged edition exists of the Griffith reprint in addition to the reprints bearing the original Calcutta J. nat. Hist. page numbers.
Ref.: Burkill, *in* Gage, J. Str. Br. Roy. Asiat. Soc. 73: 239-268. 1961.

Jackson, Benjamin Daydon (1846-1927), British botanist and botanical bibliographer; original compiler and editor of the Kew Index; Linnaean scholar; botanical secretary Linnaean Society (1880-1902); general secretary id. (1902-1926). (*B. D. Jacks.*).

HERBARIUM and TYPES: K.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth, G. C. p. 279, 318; Barnhart 2: 238; BB p. 163-164; BFM 3262, 3285; BL 1: 3, 303, 2: 216, 245, 671; BM 2: 915-916; Bossert p. 192; Bret. p. 823-824; CSP 10: 313, 16: 38; Desmond p. 339; Hortus 3: 1196 ("B. D. Jacks."); Jackson p. 24, 414, 421; Kew 3: 131-132; KR p. 317; Langman p. 390; Lenley p. 239; MW p. 215; Plesch p. 277; Rehder 5: 425; RS p. 89; SO 199, 454, 493, 499, 879a, 1974, 1077, 1277, 2846, 3049a, 3063, 3077, 3491-92, 3665; TL-2/1140, 1994; Tucker 1: 364; Zander ed. 10, p. 674.
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COMPOSITE WORKS: (1) Translated: Fries, *Life of Linnaeus* (1923); (2) *A catalogue of plants cultivated in the garden of John Gerard* in 1596/99. London 1874, 64 p. (see also H. Trimen J. Bot. 14: 316-317. 1876); (3) Edited A. R. Pryor, *A flora of Hertfordshire*, London 1887, lviii. 588 p. (BL 2: 245).

EPONYMY: *Jacksonago* O. Kuntze (1891).

3217. *Guide to the literature of botany;* being a classified selection of botanical works, including nearly 6000 titles not given in Pritzel's "Thesaurus." . . . London (Published for the Index Society by Longmans, Green & Co., . . . and Dulau & Co.) 1881. Oct. (*Guide lit. bot.*).

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Facsimile ed. (1): 1964, New York and London (Hafner Publishing Company), p. [i]-xl, [1]-626. *Copies*: FAS, MO, NY.
Facsimile ed. (2): 1974, Koenigstein, Taunus (Otto Koeltz Science Publishers), ISBN 3-87429-069-7, p. [i]-xl, [1]-626. *Copy*: FAS.

Ref.: Jackson, J. Bot. 18: 167-177. 1880.
R. H. A. [Alcock], J. Bot. 19: 180-185. 1881.
Stafleu, Taxon 13: 295. 1964, 24: 158. 1975.

3218. *Index Kewensis* plantarum phanerogamarum nomina et synonyma omnium genepum et specierum a Linnaeo usque ad annum mdccclxxxv complectens nomine recepto auctore patria unicuique plantae subjectis sumptibus beati Caroli Roberti Darwin ductu et consilio Josephi D. Hooker confecit B. Daydon Jackson. Oxonii (e Prelo Clarendoniano) [1893-] 1895, 15 supplements 1901-1974. Qu. [alt. title: Index Kewensis an enumeration of the genera and species of flowering plants from the time of Linnaeus to the year 1885 inclusive together with their author's names, the works in which they were first published, their native countries and their synonyms compiled at the expense of the late Charles Robert Darwin under the direction of Joseph D. Hooker by B. Daydon Jackson]. (*Index kew.*).

Tome	fasciculus	pages	date
1	1	i-xvi, [1]-728	6 Sep 1893
	2	i-vii, 729-1268	14 Dec 1893
	pref. mat.	[i-iv]	1895
2	3	i-vii, [1]-640	27 Oct 1894
	4	641-1299	19 Oct 1895
	pref. mat.	[i-iv]	1895

Suppl.	fasc.	pages	authors	coverage	date
1	1	[1]-120	Th. Durand & Jackson	1886-1895	Jan-Feb 1902*
	2	121-224	,,	,,	1 Dec 1902
	3	225-328	,,	,,	20 Nov 1903
	4	329-519, [i-v]	,,	,,	Jul 1906*

Suppl.	fasc.	pages	authors	coverage	date
2	1	[1]-104	W. T. Thiselton-Dyer	1896-1900	26 Oct 1904
	2	105-204, [i-iii]	,,	,,	20 Jul 1905
3	-	[i-iii], [1]-193	D. Prain	1901-1905	20 Mai 1908
4	-	[i-iii], [1]-252	,,	1906-1910	13 Nov 1913
5	-	[i-iii], [1]-277	,,	1911-1915	8 Sep 1921
6	-	[i-iii], [1]-222	A. W. Hill	1916-1920	20 Mai 1926
7	-	[i-iii], [1]-260	,,	1921-1925	26 Sep 1929
8	-	[i-iii], [1]-256	,,	1926-1930	2 Nov 1933
9	-	[i-iii], [1]-305	,,	1931-1935	22 Dec 1938
10	-	[i-iii], [1]-251	A. W. Hill & E. J. Salisbury	1936-1940	21 Aug 1947
11	-	[i-iii], [1]-273	E. J. Salisbury	1941-1950	24 Sep 1953
12	-	[i-iii], [1]-157	G. Taylor	1951-1955	30 Apr 1959
13	-	[i-iii], [1]-149	,,	1956-1960	28 Apr 1966
14	-	[i-iii], [1]-149	,,	1961-1965	19 Feb 1970
15	-	[i-iv], [1]-151	J. Heslop-Harrison	1966-1970	2 Mai 1974

* Meikle (1971) dates this part Jan-Feb 1902 (copies rd at BM and K only Feb 1902); Meikle dates Fasc. 4 at Jul 1906. – We are very grateful to Desmond Meikle and to Oxford University Press for providing us full data and for checking our text. *Copies*: U, US. – *Authorship*: from suppl. 2 the responsibility for the compilation rested automatically with the Director of the Royal Botanic Gardens Kew. The actual work of compiling was done by staff members. The names of the compilers of suppl. 2-6 are not mentioned in prefaces signed by directors, but no. 2 was compiled by Stephen Troyte Dunn (1868-1938) and in supplement 6 A. W. Hill mentions the role of Thomas Archibald Sprague (1877-1958) in compiling previous supplements. Numbers 7, 8 and 9 were compiled by Mary Letitia Green (1886-1978) and T. A. Sprague; for suppl. 9 the name of [Veronica] Mabel Irene Skan (1902-x) appears for the first time with that of Sabine Wilson (x-1959) in addition to that of Green and Sprague. No. 10 was compiled by Green (Mrs. T. A. Sprague) with Skan and Wilson, 11 by Skan and Wilson, 12 by Skan alone, 13 by Skan and Janet Eileen Hawkins (1931-x), 14 and 15 (and proof reading of 13) by Skan, Jean Lesley Mary Pinner (1932-x) and Thalia Adele Bence (1938-x). D. Meikle, to whom we are indebted for these details (in lit. 19 Aug 1977) adds that Sprague had supervisory control of the I.K. from Suppl. 4(1913) onwards till the publication of Suppl. 10 (1947).

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Ref.: Jackson, B. D., J. Bot. 25: 66-71, 150-151. 1887; Gard. Chron. 45: 406. 1909; J. Roy. Hort. Soc. 49: 224-229. 1924.

Britten, J., J. Bot. 31: 310-317. 1893; 34: 271-273. 1896.

Kuntze, O., J. Bot. 34: 298-307. 1896 ("... through Sir Joseph Hooker's partly wrong direction of the Kew Index there are, from out of the about 120.000 names accepted as valid at least 20.000 false ..."); Allg. bot. Z. 56, 1902.

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Ed. 1: Mai 1900 (p. xi: 10 Apr 1900), p. [i]-xi, [xii], 1-327. *Copies*: G, MO, NY, Stevenson. – "Another of those results of plodding industry... takes rank in the higher class." (Britten).

Ed. 2: Sep 1905 (p. ii: date; p. xi: 18 Jul 1905), p. [i]-xi, [xii], 1-371. *Copies*: MICH, NY, USDA. – "Second edition revised and enlarged" London (id.), Philadelphia (id.) – *Re-issued* Philadelphia 1907 (n.n.).

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1939: London (id.). *Copy*: L.
Jun 1949: London (Gerald Duckworth & Co. Ltd...). *Copies*: MICH, MO, NY, U.
Jan 1953: London (id.), New York (Hafner Publishing Co. Inc.). *Copies*: B, L, NY.
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Ref.: Britten, J. Bot. 38: 405-406. 1905, 43: 367-368. 1905, 54: 341. 1916.
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3220. *Index to the Linnean herbarium*, with indication of the types of species marked by Carl von Linné...Forming a supplement to the Proceedings of the Society for the 124th session, 1911-12. London (printed for the Linnean Society by Taylor and Francis,...) 1912. Oct. (*Index Linn. herb.*).
Publ.: Oct 1912 (p. 6: Oct 1912), p. [1]-152, err. slip. *Copies*: MICH, MO, NY, U, USDA. – Proc. Linn. Soc. 124 suppl.: 1-152. Oct 1912.

Jackson, George (c. 1780-1811), Scottish botanist; editor of the Botanists Repository (1807-1811); curator of the Lambert Herbarium. (*G. Jacks.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 206; BB p. 164; CSP 3: 509; Desmond p. 339; Hortus 3: 1196 ("G. Jacks.", b. 1770!); Rehder 5: 425; RS p. 89; TL-2/135.
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COMPOSITE WORKS: (1) Edward Daniel Clarke (1769-1822), *Travels in various countries of Europe..., plants identified by Jackson and A. B. Lambert, in 1: 738-747. 1810, 2: xvii. 1812.*
(2) Continued Andrews' Botanists' Repository from vol. 7 (see Britten, J. Bot. 54: 242-243. 1916) (TL-2/135).

EPONYMY: *Jacksonia* R. Brown ex W. Aiton & W. T. Aiton (1811).

Jackson, Herbert Spencer (1833-1951), American mycologist and phytopathologist; at Delaware Experiment Station (1905-1908); Harvard (1908-1909), Corvallis, Oregon (1909-1915); Lafayette, Ind. (1915-1928); Toronto (1928-1951); Ph. D. Madison 1929. (*H. Jacks.*).

HERBARIUM and TYPES: DAOM, DUKE, JAC, MICH, NY, O, OSC, PRE, PUR, TRTC.

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Phillips, V. T. and M. E., Guide mss. coll. acad. Phila. p. 209. 1963.
Rogers, D. P., Brief hist. mycol. N. Amer. 18, 51. 1977.

EPONYMY: *Jacksonia* J. C. Lindquist (1970); *Jacksoniella* M. N. Kamat & A. V. Sathe (1972); *Jacksoniella* J. C. Lindquist (1972).

PORTRAIT: See Bossert p. 193.

Jackson, Joseph (1847-1924), English-born American high school teacher and botanist at Worchester, Mass. (*J. Jacks*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 238; BL 1: 188, 303; Kew 3: 133; Lasègue p. 317; Rehder 1: 315, 316; SBC p. 123 ("Jacks."); Tucker 1: 365.
Chamberlain, Bryologist 27(3): 54. 1924.
Jackson, Am. Fern J. 14(2): 63-64. 1924.

3221. *Catalogue of the phaenogamous and vascular cryptogamous plants of Worcester County, Massachusetts*... Worcester, Mass., U.S.A. (published by the Worcester natural history society) 1883. Oct. (in fours). (*Cat. pl. Worcester Co.*).

Ed. 1: Nov-Dec 1883 (p. v: Sep 1883; Bot. Zeit. 29 Feb 1884; Nat. Nov. Jan(1) 1884), p. [i]-v, [7]-48. *Copies*: MO, NY, US.
Ed. 2: 1894, frontisp., p. [1]-76, *4 pl. Copies*: MO, NY. – "*Flora of Worcester County*. A catalogue ... second edition, revised and enlarged". Worcester (id.). 1894. Oct.
Ed. 3: 1909 (p. [iii]: 20 Apr 1909), front., p. [i]-v, 1-102, [1-4. ind.], *8 pl. Copies*: MO, NY, USDA. – "*A catalogue of the flowering plants and ferns of Worcester County*, Massachusetts... third edition, revised and enlarged..." Worcester (id.). Oct. – Annotated list of 1661 taxa.
A manuscript for ed. 4 was left upon J.'s death.
Ref.: Potter and Woodward, Rhodora 37: 80-88. 1935.

3222. *Additions to the Flora of Worcester County Massachusetts* by Joseph Jackson 1909 a list of plants found growing out of cultivation. Natural History Society Twelve State Street Worcester, Mass. 1927. (*Add. Fl. Worcester Co.*).
Publ.: 1927, p. [i]-iv, 1-49, [50-54, ind.], err. slip. *Copy*: USDA.

Jackson, Vincent Wilson (1876-x), Canadian botanist. (*V. Jacks.*).

HERBARIUM and TYPES: MIN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 239; BL 1: 139, 303; IH 2: 306.

3223. *Check list of Manitoba flora* (with notes) Botany Department Manitoba Agricultural College 1922 prepared by V. W. Jackson [,] J. F. Higham[,] Herbert Groh. (*Check list Manitoba fl.*).

Co-authors: J. F. Higham (*fl.* 1922); Herbert Groh (1883-x).
Publ.: 1922, cover, p. [1]-35. *Copy*: MO. – Blake (1: 139) mentions a "*Check list of Manitoba Flora*" revised to December, 1924, unpaged, unannotated, multigraphed, publ. 1925[?]."

Jacky, Ernst (1874-?), Swiss mycologist. (*Jacky*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 239; LS 12905-12915.
Anon., Bot. Centralbl. 79: xv. 1899.

EPONYMY: *Jackya* Bubak (1902).

3224. *Die Compositen-bewohnenden Puccinien* vom Typus der Puccinia Hieracii und deren Spezialisierung. Inaugural-dissertation zur Erlangung der Doktorwürde der hohen philosophischen Fakultät der Universität Bern [Bern 1899]. Oct. (*Compos.-bew. Puccinien*).
Publ.: Mar-Mai 1900 (in consolidated reprint; diss. approved 3 Feb 1899; journal publ. Hedwigia 10 Apr 1900), p. [i, iii], [1]-81, [1, err.]. *Copy*: FH. – Reprinted from Z. Pflanzenkr. 9: 193-224, 263-295, 20 Nov 1899; 330-346, 4 Feb 1890. – The thesis issue, a consolidated reprint, is mentioned for the first time by Hedwigia 26 Jun 1900, by Flora on 30 Jun 1900.
Ref.: Klebahn, Bot. Zeit. 58: 1333. 1 Mai 1900.
Magnus, Hedwigia 39: 147-150. 30 Oct 1900.

3225. *Untersuchungen über einige schweizerischen Rostpilze* . . . Bern (Druck und Verlag von K. J. Wyss) 1899. Oct. (*Unters. schweiz. Rostpilze*).
Publ.: Jan-Jun 1899 (Nat. Nov. Jul(2) 1899), p. [1]-30. *Copy*: FH. – Reprinted from Ber. schweiz. bot. Ges. 9: 49-78. 1899.

Jacob, Edward (c. 1710-1788), British surgeon and botanist at Faversham. (*Jacob*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 239; BB p. 164; BL 2: 247, 672; BM 2: 916; Bossert p. 193; Bret. p. 689; Dawson p. 444; Desmond p. 340; DNB 29: 114; Dryander 2: 321, 3: 136, 4: 309, 325; Henrey 2: 64, 724, 3: 63; IF suppl. 4: 326; Jackson p. 252; Kew 3: 134; PR 4347 (ed. 1: 4804); Rehder 5: 425.
Nichols, J., Lit. anecdotes Eighteenth Century 7: 194, 601 (fide Desmond).
Pulteney, R., Sketches 2: 272. 1790.

EPONYMY: *Jacobaea* P. Miller 1754 is an old pre-linnaean name. The plant is so named because it flowers around St. Jacob's day (July, 25) (fide Pfeiffer 1: 1779). *Jacobaschella* O. Kuntze (1891) is dedicated to Ernst Jacobasch (*fl.* 1885-1900), German high school teacher and botanist. *Jacobipollenites* C. G. K. Ramanujam (1966) is dedicated to K. Jacob, Indian palaeontologist *Jacobsonia* Boedijn (1935) is very probably dedicated to Edward Richard Jacobson (1870-1944), Dutch business man and naturalist in the Netherlands East Indies. The etymology of *Jacobanthus* Fourreau (1868) and *Jacobinia* C. G. D. Nees (1847, *nom. cons.*) could not be established.

3226. *Plantae favershamienses*. A catalogue of the more perfect plants growing spontaneously about Faversham, in the county of Kent. With an appendix exhibiting a short view of the fossil bodies of the adjacent Island of Shepey . . . London (printed for the author; by J. March, . . .) 1777. Duod. (in sixes). (*Pl. faversham.*).
Publ.: Aug-Dec 1777 (p. [iii]: 10 Aug 1777), frontisp. portr. of author, p. [i-viii], 1-146, [i]-liii, [liv, err.]. *Copies*: NY, USDA.

Jacobovics, Anton (*fl.* 1835), Hungarian botanist; Dr. med. Pest 1835. (*Jacobov.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 240; Kanitz 163; PR 4349 (ed. 1: 4808); Rehder 3: 90, 5: 426.

3227. *Elenchus plantarum officinalium Hungariae* indigenarum phanerogamarum. Dissertatio botanico-pharmacologico-medica quam consensu et auctoritate magnifici domini praesidis et directoris spectabilis domini decani nec non clarissimorum dd. professorum, pro doctoris medicinae gradu rite obtinendo in alma ac celeberrima regia scientiarum universitate hungarica publicae disquisitioni submittit Antonius Jacobovics, in theses adnexas disputa-

bitur in palatio universitatis major die [] Augusti 1835. Pestini [Budapest] (Typis Jos. Beimel, ...) s.d. [1835]. Oct. (*Elench. pl. off. Hung.*).
Publ.: Aug 1835 (t.p.), p. [i-iv], [1]-70, [1, theses]. *Copy*: NY.

Jacobsen, Hermann Johannes Heinrich (1898-x), German horticulturist and botanist; curator of the Kiel botanical garden; author on succulent plants; Dr. h.c. Kiel 1963. (*H. Jacobsen*).

HERBARIUM and TYPES: KIEL.

BIBLIOGRAPHY and BIOGRAPHY: BFM 2996; Bossert p. 193; Kew 3: 135-136; Langman p. 391; MW suppl. p. 144; Zander ed. 10, p. 675.
Anon., Kakt. Orchid. Rundschau 1: 19. 1978 (80th Birthday).
Herre, H., Gen. Mesembryanth. 53-54. 1971 (portr.).
Parr, Bull. Afr. Succ. Pl. Soc. 8(6): 211-213. 1974 (portr.).

EPONYMY: *Jacobsenia* H. M. L. Bolus & Schwantes (1954).

3228. *Verzeichnis der Arten der Gattung Mesembryanthemum* L. nebst deren abgetrennten Gattungen (Index specierum generis Mesembryanthemi L. cum separatis generibus) einschl. der Synonyma, Umbenennungen, Standortsangaben und der Literaturangaben bearbeitet auf Grund der einschlägigen Literatur vom 1. April 1938 ... Dahlem bei Berlin (Herausgegeben von der Deutschen Kakteen-Gesellschaft ... im Selbstverlage des Repertoriums) 1938. Oct. (*Verz. Mesembryanthemum*).
Publ.: 1938, p. [1]-198. *Copy*: U. – Beih. Repert. spec. nov. Regn. veg. 106, 1938.
Nachträge 1939, p. [1]-34. *Copy*: U. – Ib. 106, Nachtrag 1 und 2.

Jacobsen, Jens Peter (1847-1885), Danish poet and phycologist at Copenhagen (*J. Jacobsen*).

HERBARIUM and TYPES: C (Desmidiaceae).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 240; BL 2: 53, 672 (b. 1844); Bossert p. 193; CSP 10: 316; De Toni 1: lxvii; IH 2: 554.
Anon., Bot. Not. 2885: 144; Rev. de Bot. 4: 336. 1886.
Christensen, C., Danske Bot. Hist. 1: 525, 2: 438-439. 1926.
Koster, Taxon 18: 554. 1969.
Lind, J., Danish fungi herb. E. Rostrup 30. 1913.
Nordstedt, C. F. O., Index Desmid. bibl. 19.1896.
Schmid, Z. Bücherfreunde ser. 2. 9(2): 54-57. 1918.
Warming, Bot. Tidsskr. 12: 230-231. 1881.
Wittrock, Acta Horti Berg. 3(2): 102. 1903.

HANDWRITING: Z. Bücherfreunde ser. 2. 9(2), 1918, Beilagen 1 & 2.

NOTE: Jacobsen's main treatise on Danish desmids was published in Bot. Tidsskr. 8(3): 143-192, *pl. 7-8.* 1875 and 8(4): 193-215, *pl. 7-8.* Sep 1876 (rev. Bot. Not. 1876: 142-146).

Jacquemart, Albert (*fl.* 1840), French popular writer (*Jacquemart*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Jackson p. 40; Plesch p. 277; PR 4350 (ed. 1: 4812-4813); Rehder 5: 426; Tucker 1: 366; Zander ed. 10, p. 675.

3229. *Flore des dames.* Botanique à l'usage des dames et des jeunes personnes ... Paris (P. J. Loss, B. Neuhaus) 1840. Duod. (in sixes). (*Fl. dames*).
Publ.: 1840, engr. t.p., [1]-338, [1, list], *14* pl. by A. Duménil (*12* col.) *Copy*: NY. – A curiosity, illustrating the fashions of the period. "Libellus nitidissimus!" PR.
Ref.: Sotheby no. 383 (sold £100.-).

Jacquemont, Victor (1801-1832), French explorer and naturalist, travelled in the United States and Canada and on the Zélée via the South to India; in India 1829-1832; friend of Stendhal. (*Jacquem.*).

HERBARIUM and TYPES: The collections made for the Muséum d'Histoire naturelle on the trip to the East (*Voyage dans l'Inde)* (1823-1832) were received by the Muséum (P, PC) in 1833 and were accompanied by manuscript catalogues (see Leroy in A. W. Brown et al.). The main Jacquemont herbarium (1818-1827) was acquired by Jules Hennecart (1797-1888) and came to P in 1889 with the latter's herbarium. Montpellier (MPU) has another part of the Jacquemont herbarium (through Cambessèdes). Duplicates: B, FI, G, K, L, LIV, NY, P-JU, VT.

Ref.: Poisson, C. R. Congrès Int. Bot. Hort. 1878 (1880).
Granel de Solignac et Bertrand, Naturalia monspeliensia 18: 273. 1967.
Sayre, G., Mem, New York Bot. Gard. 19(3): 347-348. 1975.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 142; Backer p. 291; Barnhart 2: 241; BM 2: 917; Bossert p. 193; Bret. p. 802; CSP 3: 523-524, 16: 52; GR p. 327-328; Hortus 3: 1196 ("Jacquem."); IH 2: 308; Kew 3: 137; Lasègue p. 124, 572 [index]; LS 12953; NI 966; PR 4351-4352 (ed. 1: 4814); Quenstedt p. 219; Rehder 1: 472; SK 4: clxxv; TL-2/see Bentham; Tucker 1: 366; Urban-Berl. p. 359.

NOTE: For a detailed bibliography of the various editions of Jacquemont's correspondence see Pierre Maes, *Un ami de Stendhal, Victor Jacquemont*, Paris 1934, pp. 603-621. – For extensive general information see A. W. Brown et al. (1959). A later editon of Jacquemont's correspondence is e.g. André Lebois (1961).

Anon., Mus. Genève 157: 8. 1975 (portr.), Nouv. Arch. Mus. Hist. nat. ser. 3.6: iii-xvi. 1894 (on translation of J's body from India to France).
Brown, A. W., et al., Jacquemont, Paris (Muséum national d'Histoire naturelle) 1959, 461 p. (Contains e.g. an "essai chronologique" by G. Duprat, and "Jacquemont, botaniste" by J. E. Leroy).
Burkill, I. H., Chapters hist. bot. India 240 [index]. 1965.
Chevalier, A., Rev. int. Bot. appl. Agric. trop. 31: 623-631. 1951.
Embacher, F., Lexikon der Reisen 157. 1882.
Guillaumin, A., Les fleurs des jardins xl, *pl. 14*. 1929 (portr.).
Jacquemont, V., [two letters to Cambessèdes], Bull. Soc. bot. France 10: 554-555. 1864.
Lacaze, in Didot, Nouv. biogr. gén. 26: 223-226. 1856.
Lebois, A., Découverte de l'Inde éternelle, extraits de la correspondance de Victor Jacquemont. Paris (La Colombe) 1961, 318 p.
Planchon, J. E., Lettres inédites de Jacques Gay et de Victor Jacquemont. Paris 1884, 16 p. (repr. Bull. Soc. bot. Fr. 31, 1884).
Rhinanthus (pseudonym), Quart. Bull. alpine gard. Soc. 39(2): 94. 1971.
Stafleu, F. A., Jacquin and his American plants, *in* N. J. Jacquin, Select. stirp. amer., facs. ed. 1971, F 7 – F 32 (q.v. for many references to previous biographical literature).
Stewart, Pakistan J. Forestry 17: 348. 1967 (Pakist. coll.).
Theodoridès, Rev. Hist. Sci. 14: 27-31. 1961; Arch. int. Hist. Sci. 16: 287-304. 1963 (on J. in the U.S.A.).
Urban, I., Symb. ant. 3: 65. 1902.
Wittrock, V. B., Acta Horti Berg. 3(3): 104. 1905.

EPONYMY: *Jacquemontia* Bélanger (1834); *Jacquemontia* J. D. Choisy (1834); *Schizojacquemontia* (Roberty) Roberty (1964).

3230. *Voyage dans l'Inde* par Victor Jacquemont, pendant les années 1828 à 1832, publié sous les auspices de M. Guizot, ministre de l'instruction publique. Journal. Tome premier [-troisième], [Description des collections... tome quatrième], Paris (Firmin Didot frères [1835-] 1841-1844, 4 vols. Qu. (*Voy. Inde*).

Vol. 1, Journal, Paris (id.) 1841, p. [i*], [iii*], [i]-iii, [1]-526.
Vol. 2, Journal, Paris (id.) 1841, p. [i], [iii], [1]-490.

Vol. 3, Journal, Paris (id.) 1841, p. [i], [iii], [1]-644.
Vol. 4, Description des collections par MM. Isodore Geoffroy Saint-Hilaire. – Milne Edwards. – Émile Blanchard. Valenciennes. – Cambessèdes. – J. Decaisne. Paris (id.) 1844.
Botanical authors: Joseph Decaisne (1807-1822), Jacques Cambessèdes (1799-1863).
Zoological part: p. [i], [iii], [v], [1]-90, [index 2], [1]-31.
Botanical part: p. [1]-183 (p. (1)-56 by Cambessèdes; 57-183 by Decaisne).
Atlas, vol. 1. Planches du journal, p. [i], [iii], 4 maps, *pl. 1-83* (not botanical).
Atlas, vol. 2., p. [i], *pl. 1-27* (zoology), *1-180* (botany), uncoloured liths. by A. Riocreux and E. Delile. The original botanical plate no. 29 featured Flourenzia caespitosa (copy: G); this was later replaced by a new no. 29, featuring Periandra caespitosa.
Copies: G; IDC 5222. – The entire work came out in 80 parts (precise details unknown). Volume 4 came out between 6 Apr 1835 and Dec 1844 (see TL-1/564). Zain-ul-Abadin (1958) suggests that p. 1-88 of the botanical part may have come out in 1841, 89-128 in 1843, and 128-183 end of 1844, stressing that further investigation is needed.
Ref.: Sherborn & Woodward, Ann. Mag. nat. Hist. ser. 7. 8: 334. 1901.
Anon., Procès-Verbaux Acad. Sc. 10: 683, 700, 724. 1922.
Zain-ul-Abidin, Biologia 4: 212-214. 1958.
Steenis-Kruseman, M. J. van, Fl. males. Bull. 14: 642. 1959; 15: 733. 1960.

Jacques, Henri Antoine (1782-1866), French horticulturist at Raincy and Neuilly. (*Jacques*).

HERBARIUM and TYPES: Some material (cult. plants from Neuilly garden) in Webb herbarium at FI.
Ref.: Steinberg, Webbia 32(1): 28. 1971.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 241; BM 2: 917; Hortus 3: 1196 ("Jacques", b. 1782); Jackson p. 44; MW p. 215; PR 4353-4354 (ed. 1: 4815-4817); Rehder 5: 426; Tucker 1: 366; Zander ed. 10, p. 675.
Carrière, Rev. Hort. 39: 21. 1867.
Guillaumin, A., Les fleurs des Jardins lx. 1929.

EPONYMY: *Jacquesfelixia* Phipps (1964) is dedicated to Henri Jacques-Felix (1907-x), French botanist; *Jacqueshuberia* Ducke (1922) is dedicated to Jakob Huber (1867-1914), q.v.

3231. *Catalogue glossologique* des arbres, arbustes, plantes vivaces et annuelles, cultivées ou croissant naturellement aux domaines privés du roi (Neuilly, Le Raincy et Monceaux); rangées suivant le système sexuel de Linnée. Par A. A. Jacques . . . Paris (Hiard, . . .) 1833. 18-mo. (*Cat. glossol.*).
Publ.: 1833, p. [i*], [i]-ii, [1]-116. *Copy*: G. – N.B. The author's name given here is "A. A. Jacques".

3232. *Monographie de la famille des conifères;* . . . Paris (Rousselon, libraire-éditeur, . . .) 1837. Oct. (*Monogr. conif.*).
Publ.: 1837, p. [i-ii], [1]-80, [1, cont.]. *Copy*: MO. – Reprinted from Annales de Flore et de Pomone.

3233. Flore des jardins de l'Europe *Manuel général des plantes* arbres et arbustes comprenant leur origine, description, culture; leur application aux jardins d'agrément, à l'agriculture, aux arts et à l'industrie et classés selon la méthode de Decandolle par Jacques . . . et Herincq . . . Paris (Librairie agricole de la Maison rustique, . . .) s.d. [1845-1857], 3 vols. 18-mo. (*Man. gén. pl.*).
Co-author François Hérincq (1820-1891).
Orig. issue: *Copies*: NY; IDC 7398.
Vol. 1: 1845, p. [i, iii], [1]-38, [1]-716.
Vol. 2: ?, p. [i, iii], [1]-674.
Vol. 3: 1857, p. [i, iii], [1]-777.
Other issue: duod., with a fourth volume: 1865 [?], Paris (id.). *Copy*: MO.
Vol. 1: p. [i, iii], [1]-38, [1]-716.

Vol. 2: p. [i, iii], [1]-674.
Vol. 3: p. [i, iii], [1]-777.
Vol. 4: by Duchartre, p. [i, iii], [1]-1049.

Jacquin, Hector ("aîné") (*fl.* 1832), French horticulturist. (*H. Jacq.*).

HERBARIUM and TYPES: Unknown.

NOTE: No further details are known to us about this author. The "initial" M. on his publication cited below stood for Monsieur. Hector Jacquin was a seed-dealer in Paris, head of the firm Jacquin frères.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 241; BM 2: 917; DU 147; Kew 3: 138; MW p. 215; NI 967; Plesch p. 277; PR ed. 1: 4818-4819; Sotheby 395.

3234. *Monographie complète du melon*, contenant la culture, la description et le classement de toutes les variétés de cette espèce, suivies de celles de la pastèque à chair fondante, avec la figure de chacune dessinée et coloriée d'après nature. Par M. Jacquin aîné, membre de plusieurs sociétés horticulturales françaises et étrangères. Paris (Rousselon, libraire-éditeur, . . . Jacquin frères, Marchands grainiers, . . .) 1832. Oct. (*Monogr. melon*).
Publ.: 1832, p. [i*-iii*], [i]-iv, [1]-199, *pl. 1-33* (col. copp.). *Copy*: BR.

Jacquin, Joseph Franz, [after 1806] **Baron von** (1766-1839), Austrian botanist, son of N. J. von Jacquin. (*J. Jacq.*).

HERBARIUM and TYPES: W. "Das Herbarium ist um 1200 fl. C. M. für das kaiserliche Museum gekauft worden. Es enthält freilich nicht viel über 8000 Species aber selectissima und rarissima, fast lauter Originalexemplare von Pallas, Forster (besonders schön), Ruiz, Pavon, Swartz, Desfontaines, Delile etc., die Doubletten der Jacquinischen Americana, die meisten von dem alten Jacquin beschriebenen Pflanzen, sehr Vieles aus dem Burmannischen und Banksischem Herbarium." Letter Endlicher to Bentham 14 Feb 1840 (K).
Ref.: Beck, Die botanischen Anstalten Wiens im Jahre 1894. Wien 1894, p. 60.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 385; Backer p. 291; Barnhart 2: 242; BM 2: 917-918; Bossert p. 193; Bret. p. 249; CSP 3: 524; Dawson p. 445-447, 940 [index], Dryander 2: 116, 408, 3: 36; Henrey 2: 194, 253, 724; Hortus 3: 1196 ("Jacq. f."); IH 2: 308; Jackson p. 116, 133; Kew 3: 138; Langman p. 391; Lasègue p. 331; MW p. 215-216; NI 968-969; Plesch p. 277-278; PR 4355-4359 (ed. 1: 4820-4824); Rehder 5: 427; SK 4: cxci; TL-2/362, 372, see Diesing; Tucker 1: 366; Zander ed. 10, p. 675.
Anon., Flora 23: 13. 1840; Portraiten-Gallerie berühmter Aerzte und Naturforscher des österr. Kaiserthumes no. 20. 1838 (portr.); Proc. Linn. Soc. 1: 73. 1849.
Dolezal, H., Friedrich Welwitsch, Lisboa 1974, p. 26-27, 34, 111.
Dawson, W. R., The Smith papers 58. 1934 (letters at LINN).
Kronfeld, Beih. bot. Centralbl. 32(2): 132-176. 1921 (on J's tour of W. Europe 1788-1790; extensive details derived from corr. and other original sources), see also J. Bot. 61: 287-290. 1923.
Kühnel, Thaddaeus Haenke 274 [index]. 1960.
Nissen, Philobiblon 6(9): 337. 1933.
Oberhummer, Stud. Gesch. Univ. Wien 3: 160-182. 1965 (on J. as a chemist).
Wittrock, Acta horti Berg. 3(2): 82, 185. 1903.

HANDWRITING: Taxon 19: 556. 1970; Candollea 30: 409-410. 1975.

3235. *Tria genera plantarum nova*, ex horto botanico viennensi, in *Nova Acta helvetica* 1: 34-41, *pl. 2*. 1787. [1784?]. Qu.

Publ.: 1784 (? Murray, Syst. ed. 14: 241. 1784 refers to *Elaeodendron* on p. 36-38). The first volume of the Nova acta helvetica may have come out in parts. The reference by Murray might well be accepted as an indication that the first part (containing p. 34-41) was published at the latest in 1784. No reprint of the article is known to us; W. Gutermann

informs us that no reprint is present in Jacquin's library at WU and that the Murray reference may be based on his correspondence with N. J. von Jacquin, and hence be to unpublished material.

3236. *Eclogae plantarum rariorum* aut minus cognitarum quas ad vivum descripsit et iconibus coloratis illustravit Josephus Francisus liber baro de Jacquin . . . Vindobonae [Wien] (Sumptibus auctoris, typis Antonii Strauss) 1811-1842, 2 vols. Fol. (*Ecl. pl. rar.*).

vol.	part	*plates*	dates	vol	part	*plates*	dates
1	1	*1-10*	Oct 1811	1	7-8	*61-80*	Feb 1815
	2	*11-20*	Dec 1811		9-10	*81-100*	Aug 1816
	3-4	*21-40*	Mar 1812	2			Mar-Dec 1844
	5-6	*41-60*	Nov 1813				

Copies: G, US; IDC 5974.
1: [i]-viii, [1]-155, *pl. 1-100*, *1 suppl. pl.*
2: [i-vii], [1]-12, *pl. 101-156*, *158-169* (*153/154* and *155/156* combined).
The fascicles are dated on p. vii, but page-numbers are not given. The date of receipt of the first 5 parts by the Paris Academy was 1 Apr 1816 [sic], parts 1-6 were sent to Banks on 20 Sep 1814. This information makes it necessary to take the dates given on p. vii with some reservation; however, parts 1-4 were definitely out by 13 Apr 1812 (letter at Genève). Vol. 2 was edited by Jacquin's daughter Isabella Schreibers and by Eduard Fenzl. All plates are coloured copper engravings.
Ref.: Sotheby no. 384 (collation; sold, with next item, £ 3.200).

3237. *Eclogae graminum rariorum* aut minus cognitorum quas ad vivum descripsit et iconibus coloratis illustravit Joseph Franciscus liber Baro de Jacquin . . . post obitum Jacquini ad fidem auctoris manuscripti absolvit titulo ad indice instruxit Eduardus Fenzl . . . Vindobonae [Wien] (Typis Viduae Antonii Strauss & Sommer) 1813-1844. Fol. (*Ecl. gram. rar.*).

part	pages	*plates*	dates
1	1-16	*1-10*	1813
2	17-32	*11-20*	before 1 Jun 1814
3-4	33-64	*21-40*	Sep 1820
5	65	*41-45*, *47-49*	1844

Pagination formula: [i], [iii], [v, note by Fenzl], [1]-65, [2, err.], [1, ind.], *plates 1-45*, *47-49*, no. *46* was never published; the plates nos. *41-45*, *47-49* are rare. *Copies*: G (complete); IDC 5975.

3238. *Synopsis Stapeliarum* in quatuor fascicullis prioribus monographiae Jacquinianae descriptarum. [Wien] 1816. (*Syn. Stapel.*).
Publ.: 1816, p. [1]-12. *Copy*: WU (inf. W. Gutermann).

3239. *Ueber den Ginkgo* vom Prof. Freyherrn v. Jacquin . . . Wien (Gedruckt bey Carl Gerold) 1819. (*Ginkgo*).
Publ.: 1819, p. [i], [1]-8, *1 pl.* (col. copp.). *Copies*: HH, MO. – Reprinted from the Jahrbücher der Medicin für den oesterreichischen Kaiserstaat.
Italian (1): 1820, p. [1]-7, *1 pl.* (anon. uncol. copp.). *Copy*: U. – "Ueber den Ginkgo etc. Sopra il Gingko (Salisburia adiantifolia) Willd. Memoria del Sig. Barone Professore Jacquin con tavola. Vienna 1819. Inser. nella Dec II. Bim. 1. 1820 del Giornale di Fisica ecc. di Pavia" [= Giorn. fis. Pavia, ed. Brugnatelli 3: 39-43. 1820]. – Jacquin to A. P. de C., 10 Nov 1820 (letter at G): "L'on a publié deux traductions italiennes de mon petit mémoire sur le Ginkgo, dont l'une est imprimé dans le Journal de Brugnatelli et l'autre dans les Mémoires de Padoue. La dernière est passable, la première très inexacte et même quelquefois ridicule."
Italian (2): in "Mémoires de Padoue" n.v. (Nuovi Saggi R. Accad. Sci. Lett. Arti, Padua).
French: Bibl. Univ., Genève 17: 145-153. 1821.

3240. *Der Universitäts-Garten in Wien.* Vom Freyherrn von Jacquin . . . Wien (Gedruckt bey Carl Gerold.) 1825. Oct. (*Univ.-Gart. Wien*).
Publ.: 1825, 49 p., 1 col. map of garden. *Copy*: WU. – "(Aus den medicinischen Jährbüchern abgedruckt.)" Ends on p. 49 with "(Die Fortsetzung folgt.)" (inf. W. Gutermann).

Jacquin, Nikolaus Joseph, Baron von (1727-1817), Dutch born Austrian botanist; to Paris 1750-1752; from 1752 in Austria; to the West Indies 1755-1759; at Schemnitz 1763-1769; from 1769 professor of botany and chemistry at the University of Vienna; ennobled 1806. (*Jacq.*).

HERBARIUM and TYPES: Sir Joseph Banks acquired Jacquin material. This is often referred to in the literature as the Jacquin herbarium. Although Jacquin certainly made herbarium material of Austrian plants and of plants in the gardens under his care, it is difficult to find West Indian material collected by him. It is doubtful whether Jacquin brought home from the West Indies sizeable collections of dried plants. J. E. Dandy informed us that the Jacquin material from the West Indies in the Banks herbarium (now BM) is rare and consists of scraps or small specimens. Austrian and garden plants collected by Jacquin are present in small numbers in a number of herbaria: AWH, B, BM, CGE, H, JE, LINN, LIV, OXF, UPS (in the Thunberg herbarium) and W. – For the typification of Jacquin's names see d'Arcy 1970; in several cases it will be possible to find Jacquin types in one of the above-mentioned herbaria, especially BM, LINN and W. – PR mentions two Jacquin manuscripts at W. Jacquin's botanical correspondence (addressed to him) is also at W.
Ref.: Miller, Taxon 19: 527. 1970 (on J. material in Lambert sale).

BIBLIOGRAPHY and BIOGRAPHY: Aa 9: 69; ADB 13: 631-632; AG 2(2): 384-385; Backer p. 291; Barnhart 2: 242; BM 2: 918; Bossert p. 193; Bret. p. 134; Clokie p. 189; Dawson p. 447-448, 940 [index]; Dryander 5: 294; DSB 7: 57-59; DTS 1: 132; Frank 3(Anh.): 47; GF p. 61; GR p. 702, *pl.* [*32*]; Henrey 2: 194, 724; Hortus 3: 1196 ("Jacq."); HU 572, 586, 635, 655, 681; IF 707; IH 2: 308; Jackson p. 563 [index]; JW 3: 355, 4: 391, 5: 243; Kanitz no. 50; Kew 3: 138-139; Langman p. 391-392; Lasègue 572 [ind.]; Lenley p. 240; LS 12954-12958; Maiwald p. 60, 80, 103, 178; Moebius p. 367, 409, 420; MW p. 216; NI 970-981; Plesch p. 278-279; PR 4360-4375 (ed. 1: 4825-4842); Rehder 5: 427; RS p. 90; SBC p. 123 ("Jacq."); SO 82, 584, 643f, 646a-d, add. 646b, 696-699, 700, 2476, 2548, 2488a; SK 4: cxci; Sotheby 384-394; Tucker 1: 366; Urban-Berl. p. 359, 414; WU 10: 26-32; Zander ed. 10, p. 675.

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Hohenbühel-Heufler, L. v., Franz von Mygind, der Freund Jacquins. Wien 1871, 46 p.
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Kühnel, J., Thaddaeus Haenke, Leben und Wirken eines Forschers. München 1960 (portr. Jacquin on p. 32).
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HANDWRITING: Taxon 19: 556. 1970.

ARTISTS: Jacquin himself provided information on the artists employed by him in his numerous sumptuously illustrated works in the preface (1, p. vii) to the *Plantarum rariorum horti caesarei schoenbrunnensis descriptiones et icones*. The most important were Franz Scheidl, Joseph Hofbauer, Ferdinand Bauer, Franz Bauer, Johannes Scharf, Martin Sedelmayer. See Nissen 2: 91 for a reprint of Jacquin's text.

EPONYMY: *Jacquinia* N. J. Jacquin (1760, *orth. var.*); *Jacquiniella* Schlechter (1920); *Jaquinia* Linnaeus (1760).

POSTAGE STAMPS: Austria 1977, 4 sch., yv 1369, issued 16-2-1977.

3241. Nicolai Josephi Jacquin *Enumeratio systematica plantarum*, quas in insulis Caribaeis vicinaque Americes continente detexit novas, aut jam cognitas emendavit. Lugduni Batavorum [Leiden] (apud Theodorum Haak) 1760. Oct. (*Enum. syst. pl.*).

Orig. ed.: Aug-Sep 1760, p. [i, iii-iv], 1-41. *Copies*: G, NY, U; IDC 775. – "If you want any further copies of your booklet, please write to me." Gronovius to J. on 11 Nov 1760 (in Dutch; letter at W).
Nürnberg reprint: "... emendavit. Ad exemplar Lugduni Batavorum, apud Theodorum Haak, mdcclxi excusum Norimbergae stanno Christiani de Launoy recusum anno mdcclxii." Oct. – *Publ.*: 1762 (the reference to the Haak edition as of 1761 is erroneous). p. [i, iii-iv], 1-41. *Copies*: G, NY, UC, US, USDA.
Zug facsimile: "*Enumeratio systematica plantarum* 1760" with introduction by Frans A. Stafleu reprint 1967 Zug (Interdocumentation Company AG), Sertum botanicum V, p. [i*], [iii*-iv*], i-ix, facsimile: [i], [iii-iv], 1-41. *Copies*: G, FAS, MICH, NY, U, US. – See Taxon 16: 209. 1967.

The diagnoses are sometimes extremely short, consisting in some cases even only of one word. Even so all binary names are validly published. Linnaeus frequently refers to the *Enumeratio* in ed. 2 of his *Species plantarum*, Jacquin himself, in his *Selectarum stirpium* (1763) only occasionally. The 1763 publication is an important complement to the 1760 Enumeratio and should always be consulted with it.
Ref.: Anon. [review], GGA 1763: 600. 20 Jun 1763.
Rothmaler, W., Repert. Sp. nov. 53: 33. 1944 (gives 15 Mai as date of publ.).
Stafleu, F. A., Introduction to Jacquin's Caribbean Enumeratio, in *facsimile* edition. Zug 1967; Jacquin and his American plants 1971 (see above); Gorteria 5: 208-213. 1971.
Howard, R. S., J. Arnold Arb. 54: 435-470. 1973.

3242. Nicolai Josephi Jacquin *Enumeratio stirpium plerarumque, quae sponte crescunt in agro vindobonensi*, montibusque confinibus. Accedunt observationum centuria et appendix de paucis exoticis. Cum tabulis aeneis . . . Vindobonae [Wien] (impensis Joannis Pauli Kraus) 1762. Oct. (*Enum. stirp. Vindob.*).

Publ.: Mai 1762, p. [i-iv], [1]-315, [index 316-322], *pl. 1-9*. *Copies*: BR, G, MICH, MO, NY, Stevenson, US, USDA; IDC 5343. – See Jacquin, *Collectanea* 1: 366-367 for relation (in date of publ.) with Crantz, *Stirp. austr. stirp.*, fasc. 1, which is stated to have been published after the *Enumeratio*.

Addenda: see Jacquin, Observ. bot. icon. 41-48. 1764 (no. 3244).

Ref.: Anon. [review], GGA 1763: 895-896. 15 Sep 1763.
Rothmaler, W., Repert. Sp. nov. 53: 35. 1944.
Stearn, W. T., Taxon 9: 209-210. 1960.

3243. Nicolai Josephi Jacquin *Selectarum stirpium americanarum historia* in qua ad linnaeanum systema determinatae descriptaeque sistuntur plantae illae, quas in insula Martinica, Jamaica, Domingo, aliisque, et in vicinae continentes parte, observavit rariores: adjectis iconibus in solo natali delineatis. Vindobonae [Wien] (ex officina Krausiana) 1763. Qu. (*Select. stirp. amer. hist.*).

Orig. ed.: 5 Jan 1763, p. [i-x], [i]-vii, [viii-xii], [1]-284, [1-14, indices, expl. pl.], front., *pl. 1-183, 37**, copper engravings of drawings by Jacquin. Incidental coloured engravings occur, but there were also at least three copies (fide Ebert) on "dutch paper" with fully coloured engravings. One of these is in the National Library, another, formerly owned by the Erzherzog Anton Victor von Österreich, is now at the Hunt Botanical Library (HU 576). A special edition with 264 coloured drawings is mentioned below under no. 3249. – *Copies*: BR, G, HU(col.), MICH, MO, U(partly col.), US(2), USDA; IDC 934.

Facsimile ed.: New York (Hafner Publishing Company, Inc., New York) 1971, with an introduction by Frans A. Stafleu, p. [F1]-F32, facsimile: same as orig., 2 vols. (plates in vol. 2). *Copies*: FAS, U.

Further editions: See below under nos. 3249-3250; see also under J. Zorn.

Reissue of plates only: "Nicolai Josephi Jacquin *Icones selectarum stirpium americanarum*." Viennae (apud A. Blumauer) 1797, front., [i, t.p.], [1-3, consp.], *pl. 1-37, 37*-183*. (uncol.). *Copy*: USDA.

The *Enumeratio* of 1760 was a prodromus to the 1763 folio and should always be consulted with it. This is the more pressing since Jacquin, for unknown reasons, did not refer to the 1760 publication of his new taxa in his *Historia*. For further details on these two works see Dandy (DA 1967), Stafleu (1967, 1971, 1971a) and Howard (1973).

Ref.: Anon. [review], GGA 1764: 743-744. 2 Aug 1764.
Cobres, J. P. von, Deliciae cobresianae 590. 1782.
Ebert, Allg. bibl. Lexikon Leipzig 1821 (no, 10686).
Junk, Rara 15. 1900; Catalogue 206: no. 151. 1977 (*col. pl.*).
Stafleu, F. A., Introduction to Jacquin's Caribbean *Enumeratio*, in facsimile edition, Zug 1967; Gorteria 5: 208-213. 1971; Jacquin and his American plants. 1971a (*in* facsimile edition; see above).
Howard, R. A., J. Arnold. Arb. 54: 435-470. 1973 (lists correct names).

3244. Nicolai Josephi Jacquin *Observationum botanicarum* iconibus ab auctore delineatis illustratarum . . . Vindobonae [Wien] (ex officina Krausiana) 1764-1771, 4 parts. Fol. (in doubles). (*Observ. bot.*).

1: 1764, p. [i-xii], [1]-48, *pl. 1-25*.
2: Apr 1767, p. [i-vii], [1]-32, [1, err.], *pl. 26-50*.
3: 1768, p. [i, iii, v], [1]-22, *pl. 51-75*.
4: 1771, p. [i, iii, v], [1]-14, *pl. 76-100*.

Copies MICH, MO, NY, U, US(2), USDA; IDC 5254.
Plates: col. or uncol. copper engr. or etchings of drawings by author.
Facsimile ed.: announced, but not yet published, by Koeltz 1974.
Ref.: DA 1967; DU 149; GF p. 61; HU 586.
Kuntze, O., Rev. gen. 1: cxxxi. 1891.

3245. *Index regni vegetabilis* qui continet plantas omnes quae habentur in Linnaeani systematis editio novissima duodecima. Viennae Austriae [Wien] (apud Joannem Paulum Krauss) 1770. Qu. (*Index regn. veg.*).
Publ.: 1770, p. [1]-128. *Copy*: HH.

3246. *Hortus botanicus vindobonensis*, seu plantarum rariorum quae in horto botanico vindobonensi, augustissimae Mariae Theresiae munificentia regia in universitatis patriae excellens ornamentum publicamque utilitatem exstructo, coluntur, icones coloratae et succinctae descriptiones. Cura et sumptibus Nicolai Josephi Jacquin... Vindobonae [Wien] (typis Leopoldi Joannis Kaliwoda,...) 1770-1776. Fol. (*Hort. bot. vindob.*).

1: 1770-1771, p. [i-x], 1-44, *pl. 1-30* [1770], *31-100* [1771], (*pl. 31* fold-out); frontisp. (plan garden, NY copy).
2: 1772-1773, p. [i, iii], 45-95, [1-2, ind.], *pl. 101-200.*
3: 1776-1777, p. [i, iii], 1-52, *pl. 1-100*, (nos. *1, 4, 8, 54* fold-outs) (probably: 1-28, *pl. 1-50.* 1776; *29-52, 51-100.* 1777), 2 p. index sometimes added.

Copies (first fasc. numbered): MO (71), NY (74), Teyler (81); IDC 409. – The plates are hand-coloured copper engravings by F. Scheidl. It is possible to follow the printing of the plates in Jacquin's letters to Linnaeus. It is not always clear, however, when the fascicles were actually available to the public. Only 162 copies printed of first fascicle.
Ref.: Sotheby 389 (sold £ 5000).
Schrader, H. A., J. Bot. 1808(1): 495.

3247. *Florae austriaceae*, sive plantarum selectarum in Austriae archiducatu sponte crescentium, icones, ad vivum coloratae, et descriptionibus, ac synononymis illustratae. Vol. 1[-5] Opera et sumptibus Nicolai Josephi Jacquin. Viennae Austriae (Typis Leopoldi Joannis Kaliwoda,...) 1773-1778. 5 vols. Fol. (*Fl. austriac.*).

1: 1773, p. [i, iii-iv], 1-61, *pl. 1-100.*
2: 1774, p. [i, iii-iv], 1-60, *pl. 101-200.*
3: 1775, p. [i, iii], 1-55, [56, explic.], *pl. 201-300.*
4: 1776, p. [i, iii], 1-53, [54, expl. front.], *pl. 301-400, 392* *[uncol.], no. 336 fold-out.
5: 1778, p. [i, iii-iv], 1-56, [1-4, ind.], *pl. 401-450, app. 1-50.*

Copies: MICH, MO, NY, Teyler. – *Plates*: hand-coloured, unsigned, engravings, mostly by F. Scheidl. Plates of high quality.
Ref.: Bartlett, H. H., 55 rare books 1949, no. 48.

3248. Nicolai Josephi Jacquin *Miscellanea austriaca* ad botanicam, chemiam, et historiam naturalem spectantia, cum figuris partim coloratis... Vindobonae [Wien] (ex officina Krausiana) 1778-1778, 2 vols. Qu. (*Misc. austriac.*).

1: "1778" possibly issued only in 1779, p. [i-iv], [1]-212, *pl. 1-21*, handcoloured copper engravings of drawings by Jacquin, engraved (but only a few so signed) by Adam.
2: late 1781 or early 1782, p. [1]-423, [424, cont.], *pl. 1-23*, id.

Copies: BR, G, M, MICH, MO, NY, Stevenson, U, USDA; IDC 5976. – See Sotheby 390 (Collins) on issues on different paper.
Ref.: Schubert, B. G., Contr. Gray Herb. 154: 3-5. 1945.

3249. Nicolai Josephi Jacquin *Selectarum stirpium americanarum historia* in qua ad Linnaeanum systema determinatae descriptaeque sistuntur plantae illae, quas in insulis Martinica, Jamaica, Domingo, aliisque, et in vicinae continentis parte, observavit rariores; adjectis iconibus ad auctoris archetypa pictis. [Wien, 1780-1781]. Fol. (*Select. stirp. amer. hist.*).
Publ.: In two fascicles, the first in 1780, the second probably in 1781 (see the extensive reviews in GGA 29 Sep and 13 Oct 1781), engr. t.p., p. [1]-236, [1-4, expl. pl.], *pl. 1-264*, handcol. original drawings. *Copy*: NY. – The book has in general the same text as no. 3243 (1763) but with additional remarks (137 pp.). A number of species is treated much more extensively. References to Murray's *Systema* of 1774 are added. The book contains 264

handcoloured plates which are copies of Jacquin's originals. Only 12-18 copies were issued and delivered to the buyers with different title-pages. These title-pages are (as far as reported in the literature) by Franz Bauer. The text was reprinted in 1788 (Mannheim, Oct.) with references to the plates of the 1780 edition (see below no. 3250). Other copies e.g. at the British Museum, Teyler's Foundation Haarlem, Library of Congress, National-bibliothek Wien. Zorn's *Auswahl schöner und seltener Gewächse* and his *Dreihundert auserlesene Amerikanische Gewächse* (q.v.) are based on this work. – A true colour facsimile edition was offered by the trade (ca. 1967) but never published.

Ref.: DU 152; IDC 934 (n.v.).

Cobres, J. P. von, Deliciae cobresianae 590-592. 1782.

Ebert, Allg. bibl. Lexikon, Leipzig 1821, no. 10687.

Wiltshear, F. G., J. Bot. 51: 140-141. 1913 (q.v. for several bibliographical differences between the copies).

3250. Nic. Josephi Jacquin *Selectarum stirpium americanarum historia* in qua ad Linnaeanum systema determinatae descriptaeque sistuntur plantae illae, quas in insulis Martinica, Jamaica, Domingo, aliisque, et in vicina continentis parte observavit rariores. Cum approbatione auctoris ad exemplar maioris operis Vindobonae editi recusum. Manhemii [Mannheim] (in bibliopolo novo aul. & acad.) 1788. Oct. (*Select. stirp. amer. hist.*).

Publ.: 1788 (p. iv: pridie kal Apr 1788), p. [i]-xiv, [1], [1]-363. *Copies*: BR, G (2), M, MO, NY, USDA. – Text only, references to the plates of the 1780 edition (no. 3249).

3251. *Icones plantarum rariorum.* Editae a Nicolao Josepho Jacquin ... Vindobonae [Wien] (prostant apud Christianum Fridericum Wappler; Londini apud B. White et filium; Lugduni Batavorum apud S. et J. Luchtmans; Argentorati apud A. König, bibliopolas) 1781-1793. 3 vols. Fol. (*Icon. pl. rar.*).

1: 1781 ad 1786 (t.p.; for dates parts see below), p. [i, iii-iv], [1]-20, *pl. 1-200.*

2: 1786 ad 1793 (t.p.), p. [i], [1]-22, *pl. 201-286, 286*, 287-454.*

3: 1786 ad 1793 (t.p.), p. [i], [1]-24, *pl. 455-648.*

Copies: MO, NY, U; IDC 128.

vol.	part	dates	vol.	part	dates
1	1	1781	2 & 3	9	1792, late
	2	1782		10	1792, late
	3	1783		11	1792, late
	4	1784		12	1793
	5	1787(?)		13	1794
	6	1787 Apr-Mai		14	1794
	7/8	1787		15	1794
2 & 3	1	1788 Jan-Apr		16	1795
	2	1789 Feb-Mar		text list I	1787(?)
	3	1789 Mar		text list II	1795
	4	1790 Jan-Apr		text list III	1795
	5	1790 Apr			
	6	1791 Jan-Jun			
	7	1791 Jan-Jun			
	8	1792 Jan-Jun			

For the contents of the fascicles see Schubert. Each contained 25 plates (issued without regard to the sequence later assigned to them except the last, 16th, published 1795, which contained seventy-four plates).

The text of vols. 2 and 3 was issued with the 16th fascicle. Nissen (2: 91) reprints the information on the artists provided by Jacquin in the preface to the *Hortus Schoenbrunnensis.* 648 Coloured copper engravings mainly by Joseph Hofbauer, Ferdinand and Franz Bauer and Joseph Scharf. Twelve copies were printed on elephant folio.

Ref.: Junk, Rara 41. 1900-1913.

Kronfeld, M. E., Beih. bot. Centralbl. 38(2): 150, 165. 1921.

Schubert, B. G., Contr. Gray Herb. 154: 3-23. 1945.

Dolezal, H., Festschrift Claus Nissen 136-172. 1973.

3252. Nikolaus Joseph Edlen von Jacquin's *Anleitung zur Pflanzenkenntniss* nach Linnés Methode, zum Gebrauche seiner theoretischen Vorlesungen. Wien (bey Christian Friedrich Wappler) 1785. Oct. (*Anl. Pfl.-Kenntn.*).

Ed. 1: 1785, p. [1]-171, [1, err.], *pl. 1-11* (uncol. copp.). *Copies*: G, MO, NY.
Ed. 1, reissue: 1792, p. [1]-170, *pl. 1-11* (id.), only diferences t.p. date 1792, text ends on p. 170. *Copy*: NY.
Ed. 1, reissue: 1798, p. [1]-171. *Copy*: MO (no plates).
Ed. 2: 1800 (p. iv: 1 Dec 1799), p. [i-vi], [1]-195, [1-2, cont.], *pl. 1-11* (id.). *Copies*: BR, G, NY, U, USDA, WU. – "Zweyte, vermehrte Auflage." Wien (bey Christan Friedrich Wappler und Beck). The preface of this second edition is signed by J. F. von Jacquin, who refers to some changes and additions effected by him with his father's permission.
Ed. 3: 1840, p. [i-iv], [1]-224, *Copy*: M. – "Dritte, umgearbeitete und vermehrte Auflage, von Joseph Franz Freiherrn v. Jacquin" Wien (in der Fr. Beck'schen Universitäts-Buchhandlung) 1840.
Italian transl.: "*Introduzione allo studio dei vegetabili* di Nicolo Giuseppe de Jacquin tradotta illustrata ed accresciuta da Roberto de Visiani . . ." Padova (dalla tipografia della Minerva) 1824. Oct., p. [i*, iii*], [i]-xv, [xvi, note], 1-222, *pl. 1-10* (uncol. copp.). *Copy*: WU.

3253. Nicolai Josephi Jacquin *Collectanea* ad botanicam, chemiam, et historiam naturalem spectantia, cum figuris . . . Vindobonae [Wien] (ex officina Wappleriana) 1786-1796, 5 vols. Qu. (*Collectanea*).

1: 1786 (t.p.), *publ.* Jan-Sep 1787, p. [1]-386, *pl. 1-22.*
2: 1788 (t.p.), *publ.* Apr 1789, p. [1]-374, *pl. 1-18.*
3: 1789 (t.p.), *publ.* late 1791, p. [1]-306, *pl. 1-23.*
4: 1790 (t.p.), *publ.* late 1791, p. [1]-359, *pl. 1-27.*
5: 1796 (t.p.), *publ.* 1797, p. [1]-171, *pl. 1-16.*

The Hunt copy (HU 681) has a different title of vol. 1: *Collectanea austriaca* . . . with imprint "ex officina Krausiana." This is also mentioned by IDC.
Copies: BR, G, MICH, MO, NY, U; IDC 1577 – The *plates* are anonymous, hand-coloured copper engravings. The *Collectanea* are a continuation of the *Miscellanea* (3248). References to Miscellanea vol. 3 are to Collectanea vol. 1.
Ref.: Schubert, Contr. Gray Herb. 154: 3-5. 1945.

3254. *Oxalis.* Monographia, iconibus illustrata. Autore Nicolao Josepho Jacquin. Viennae (apud Christianum Fridericum Wappler; Londini apud B. White & Filium; Lugduni Batavorum apud S. & J. Luchtmans) 1794. Qu. (*Oxalis*).
Publ.: 1794, p. [i-iii], [1]-119, [120, add.], *pl. 1-81*. *Copies*: MICH, MO, NY, U, US, USDA; IDC 5442. – *Plates*: copper engr., most at least partly hand-col. by Joh. Scharf.
Ref.: DU 155; Sotheby 393 (sold at £ 850.–).

3255. *Plantarum rariorum horti caesarei schoenbrunnensis* descriptiones et icones. Opera et sumptibus Nicolai Josephi Jacquin . . . Prostant Viennae apud C. F. Wappler; Londini apud B. et J. White; Lugduni Batavorum apud S. et J. Luchtmans. 1797-1804, 4 vols. Fol. (*Pl. hort. schoenbr.*).

1: 1797, p. [i*, iii*], [i]-xxi, [1]-70, *pl. 1-129.*
2: 1797, p. [i], [1]-68, *pl. 130-250.*
3: 1798, p. [i], [1]-80, *pl. 251-400.*
4: 1804, p. [i], [1]-56, *pl. 401-500.*

Copies: BR (no. 31), MO (no. 134), NY (no. 32), US (no. 121) (numbers in front page base line of vol. 1); IDC 129. – The four volumes bear the dates 1797, 1797, 1798 and 1804 on the title-pages, but there are reasons to assume that publication was more involved. Volume 1 was completed by 3 Mai 1798 (Mag. Encycl. 1798(4): 389). Volumes 1 and 2 were reviewed (as of "1798") only in 1800 by the Med.-Chir. Zeitung (Salzburg) [1800(1): 257-261]. Banks received a letter from Jacquin dated 18 Jan 1803 in which the sending of vol. 3 part 2 was announced. Vol. 4 was announced and sent by Jacquin on 5 Mar 1805. The history of the

book merits further investigation. – The 500 coloured copper engravings are mostly of drawings by Johannes Scharf and Martin Sedelmayer.
Ref.: Garside, J. S., Afr. Bot. 8: 201-224. 1942 (on Schoenbrunn gardens).

3256. *Fragmenta botanica*, figuris coloratis illustrata, ab anno 1800 ad annum 1809 per sex fasciculos edita. Opera et sumptibus Nicolai Josephi Jacquin. Viennae Austriae (typis Mathiae Andreae Schmidt, typogr. universit.) [1800-] 1809. Fol. (*Fragm. bot.*).
Publ.: In six parts, 1800-1809 (p. vi: Cal. Mart. 1800), p. [i-vi], [1]-86, [1-2, index], *pl. 1-138*. *Copies*: G, MO, NY, U; IDC 5977. – The plates are hand-coloured, unsigned, copper engravings. – Fasc. 6 was ready by 16 Mar 1809 (letter to de Candolle at Genève). Number 1 came out in the summer of 1800, 2 appeared in 1801 (Ann. Bot. 1: 64. 1805) (Dawson, Banks letters p. 446, 448); 4 came out before 20 Aug 1806, 5 after Mar 1807, 6 Feb-early Mar 1809. The history of the book should be further investigated.
Ref.: DU 158; Sotheby 394 (sold at £ 6000,-).
Steenis-Kruseman, M. J. van, Fl. males. Bull. 26: 2018. 1972.

3257. *Stapeliarum in hortis vindobonensibus cultarum* descriptiones figuris coloratis illustratae. Vindobonae [Wien] (prostant apud Wappler et Beck), Londini (apud White) 1806-[1819]. Fol. (*Stapel. hort. vindob. cult.*).
Publ.: In five fascicles between 1806 and 1819; the contents and precise dates of which are unknown; p. [i-viii], *pl.* [*1-64*], unnumbered hand-coloured engraved plates with letterpress. *Copies*: G, NY, Teyler, USDA.
1: possibly 1806 (fide Pritzel).
2: ready by 16 Mar 1809.
3: 7 Mar 1813 (letter J. F. Jacquin to A. P. de Candolle).
4: 2 Jan 1817 ("a paru de ces jours," letter idem).
5: 20 Nov 1819 (date fide NI: copy sent to A. P. de Candolle on 24 Jan 1820); published by J. F. Jacquin.

3258. *Genitalia Asclepiadearum controversa*. Auctore Nicolao Josepho L. B. a Jacquin . . . Viennae (apud Carol. Ferdinand. Beck) 1811. Oct. (*Genit. Asclep.*).
Publ.: 1811 (p. 8: Dec 1810), p. [1]-137, [138-140], *1 pl.* (col. copp., unsigned). *Copies*: G, MO, USDA.

Jaczewski, Arthur Louis Arthurovič de (1863-1932), Russian mycologist and phytopathologist at St. Petersburg, Petrograd and Leningrad. (*Jacz.*).

HERBARIUM and TYPES: LE; other material at B, BR, E and K. Exsiccatae: *Fungi Rossiae exsiccati*, (fasc. 1-7, nos. 1-350, 1895-1900), (with Vladimir Leontjevič Komarov and Woldemar Tranzschel); set at FH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 242; Bossert p. 193; CSP 13: 754, 16: 54; GR p. 548, cat. p. 65; IH 2: 308; Kew 3: 139; LS 12959-13015, 34895-34964, suppl. 12847-12892; MW p. 216, suppl. p. 144; NAF 7(15): 1071. 1940, 9(6): 438; Rehder 5: 427; Stevenson p. 1246; Urban-Berl. p. 277.
Anon., Österr. bot. Z. 81(2): 162. 1932.
Hesler, L. R., Biogr. skteches North Amer. mycol. 1975, mss.
Hirsch, G. C., Index biol. p. 137. 1928.
Jones, Phytopathology 23(2): 111-116. 1933 (portr.).
Lloyd, C. G., Mycol. notes 68: 1169. 1923 (portr.).
Naoumoff, Bull. Soc. mycol. France 48: 91-93. 1932.

EPONYMY: *Jaczewskia* Mattirolo (1913); *Jaczewskiella* K. E. Murashkinski (1926). – The Leningrad Institute of mycology and phytopathology was renamed Jaczewski Institute in 1925.

3259. *Matériaux pour la flore mycologique des environs de Montpellier* Par G. Boyer et A. de Jaczewski. Montpellier (Typographie et Lithographie Charles Boehm . . .) 1894. Oct. (*Mat. fl. mycol. Montpellier*).
Co-author: Georges Boyer.

Publ.: 1894 (Nat. Nov. Nov(1) 1894), p. [1]-48. *Copy*: G. – Reprinted from Ann. Écol. natl. Agric. Montpellier, see also Bull. Soc. bot. France 40: cclx-ccxviii, 202. 1893.

Jaeger, August (1842-1877), Swiss bryologist. (*A. Jaeg.*).

HERBARIUM and TYPES: NY (Jaeger and Sauerbeck herb.); further material at H.
Ref.: Husnot, P. T., Rev. bryol. 5(1): 15. 1878 (collectors in herb.).
Anon., Flora 68: 15. 1885 ("Moosherbar" acquired by W. Barbey, but later transmitted by him to NY).
Britton, E. G., Bull. Torrey bot. Club 20: 335-336. 1893.

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Aderhold, R., General-Register Bot. Zeit. (1-50) 223. 1895.
Anon., J. Bot. 16: 160. 1878.
Husnot, P. T., Rev. bryol. 1: 29, 32. 1874, 2: 32, 46. 1875, 3: 16, 43. 1876, 4: 60, 80. 1877, 5: 2. 1878, 6: 77. 1879.
Jaeger, A., Flora 48: 468. 1865.
Steere, W. C., *in* facsimile ed. Jaeger & Sauerbeck, *Gen. sp. musc.*, Vaduz 1978.

EPONYMY: *Jaegerina* K. A. F. W. Mueller Hal. (1876); *Jaegerinopsis* V. F. Brotherus (1906).

3260. *Ein Blick in die Moosflora der Kantone St. Gallen und Appenzell*... St. Gallen (Zollikofer'sche Buchdruckerei) 1868. Oct. (*Blick Moosfl. St. Gallen*).
Publ.: 1868, p. [1]-84. *Copy*: NY. – Reprinted from Verhandlungen der St. Gallischen naturwissenschaftlichen Gesellschaft 1866/67: [158]-239. *Copies* journal publ.: B, M.
Nachträge und Berichtigungen: ib. 1869: [115]-125. *Copy*: M.

3261. *Musci cleistocarpi.* Uebersicht über die cleistocarpischen Moose... St. Gallen (Zollikofer'sche Buchdruckerei) 1869. Oct. (*Musci cleistoc.*).
Publ.: 1869 (t.p. reprint; Flora 20 Mai 1870), p. [1]-55. *Copies*: BR, G, NY, USDA. – Reprinted from Verhandlungen der St. Gallischen naturwissenschaftlichen Gesellschaft 1869: 62-114.
Ref.: H. S., Bot. Zeit. 28: 95. 11 Feb 1870.
J. M(üller), Hedwigia 9: 61-62. Apr 1870.

3262. *Enumeratio generum et specierum Fissidentacearum* adjectis nonnullis adnotationibus de earum litteratura et distributione geographica... Sangalli [Sankt Gallen] (Typographia Zollikoferi) 1869. Oct. (*Enum. Fissident.*).
Publ.: 1869 (p. 4: 14 Mar 1869), p. [1]-36. *Copies*: G (interleaved), NY, Steere, USDA; IDC 6183.
Ref.: J. M(üller), Hedwigia 8: 146-147. Oct 1869.

3263. *Genera et species muscorum* systematice disposita seu adumbratio florae muscorum totius orbis terrarum auctore Dr. Augusto Jaeger [vol. 2: auctoribus Dr. A. Jaeger et Fr. Sauerbeck]... San Gallis (ex officina Zollikoferi) 1870-1875 [vol. 2: 1876-1879]. 2 vols. Oct. (*Gen. Sp. musc.*).
Co-author: (parts 7-8 mainly editor, 9 co-author) Friedrich Wilhelm Sauerbeck (1801-1882).

1: 1870-1875, p. [i*], [i]-xl, [1]-155, [157]-338, [399]-740.
2: 1876-1879, p. [i]-iv, [1]-104, [105]-275, [277]-520, [521]-778.
Index: p. [i]-xl.

Copies: G, NY. – This reprint has independent pagination (printed page nos.) with an index which refers to these reprint page numbers. The reprint of vol. 1 came out in three parts as indicated above, the first with a t.p. dated 1870, the second (157-338) in 1873 and the third (399-740) in 1875. The second volume came out in four parts without indication of dates. *Original publication* took place in nine parts of the "Verhandlungen" [Berichte über die Thätigkeit] der St. Gallischen Naturwissenschaftlichen Gesellschaft, as follows.

Part	Berichte	pages	dates	pages reprint	date
1	1869/70	[245]-299	1870 or 1871	[1]-	1870
2	1870/71	[359]-451	1872	-155	1872
3	1871/72	[309]-490	1873	[157]-338	1873
4	1872/73	[61]-236	1874	[339]-512	1874
5	1873/74	[53]-278	1875	[514]-740	Apr 1875
6	1874/75	[85]-188	1876	2: [1]-104	Jan-Apr 1876
7	1875/76	[201]-371	1877	2: [105]-275	Jan-Jun 1877
8	1876/77	[211]-454	1878	2: [277]-520	Jan-Sep 1878
9	1877/78	257-361, 362-514	1879	2: [521]-778	Jan-Sep 1879
index		[213]-252	1880	[i]-xl	Jan-Sep 1880

Copies of reprints of original journal issue with journal page numbers: BR, NY.
Reissue: 1897. – The nine parts were reissued with new covers and title pages in 1897 (see Bot. Zeit. 55(2): 272. 1897). This reissue can be recognised because *all* covers and t.p.'s give Jaeger and Sauerbeck as joint authors. Actually Jaeger died on 23 Aug 1877. Sauerbeck collaborated from part 7 onward and published parts 8-9 and the index solely, basing himself on the Jaeger manuscripts. Part 9 was actually issued under joint authorship. *Title-pages*: undated, "*Genera* . . . autoribus Dr. Augusto Jaeger et Fr. Sauerbeck. Pars I [-IX] (J. B. 69-70) [-(77-78)]. Sancti Galli Werner Hausknecht."
Copies: FH (2), M, Steere. – Each part has the original journal sheets plus a new t.p. [i] and a cover.
Facsimile ed.: 1978, Vaduz (J. Cramer), based on the Steere copy (now at MO) of the re-issue; with introduction by William Campbell Steere (1907-x).

Jaeger, Edmund Carroll (1877-x), American naturalist, from 1921-1952 head of the Zoology Department of the Riverside Municipal Museum. (*E. Jaeg.*).

HERBARIUM and TYPES: Collections mainly at UCR; further material at A, DS, GH, MICH, MONTU, POM, US.

NOTE: Mai 1977 still in good health. Jaeger collected for the Riverside Municipal Museum, Riverside Calif., but made no formal herbarium.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 242; BFM 1623, 1626; GR p. 244; IH 2: 309; Kew 3: 139; Langman p. 392; NAF 28B(2): 339, ser. 2. 5: 244.
Anon., Amer. Men Sci. eds 5 and 6 (fide Barnhart).
Philips, V. T. and M. E., Guide mss. coll. acad. Phila. p. 98, 209. 1963.
Reifschneider, O., Biogr. Nevada Bot. 1844-1963: 110-111. 1964 (portr.).

3264. *Desert wild flowers* . . . Stanford University (California Stanford University Press), London (Humphrey Milford, Oxford University Press) s.d. [1940]. (*Des. wild fl.*)
Publ.: 1940 (p. ii; p. x: 1 Jan 1940), p. [i]-xxx, 1-322. *Copies*: MO, NY, USDA (fifth printing). – A revised edition appeared in 1941, a third printing 1944, fourth 1947, fifth 1950.

Jaeger, Georg Friedrich [von] [1785-1866], German physician and naturalist; Dr. med. Tübingen 1808; high school teacher (1822-1844); curator of the Stuttgart "Naturalienkabinett" (1817-1856); "Medizinalrat" (1834-1852); honorary citizen of Stuttgart. (*G. Jaeg.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 281; Barnhart 2: 242; BM 2: 919-920; Bossert p. 193; CSP 8: 10; Hortus 3: 1196 ("Jaeg., G."); Kew 3: 139-140; LS 13018-13021; Moebius p. 304; PR 4381-4385 (ed. 1: 4847-4850); Quenstedt p. 221; Rehder 5: 427; SK 1: 258; Tucker 1: 367; Zander ed. 10, p. 675.
Anon., Flora 50: 13-14. 22 Jan 1867.
Carus, Leopoldina 14/15: 138. 1866.

Kurr, Jahresh. Ver. vaterl. Naturk. Württemberg 23: 31-38. 1857 (bibl., see also ib. 20: 315-316. 1864).
Martius, Sitzungsber. k. Akad. Wiss. München 1867(1): 383-385. 1867.
Seemann, Bonplandia 6(6/7): 117-118. 1858.
Zuchold, Jahresb. nat. Ver. Halle 5: 26. 1853 (additional bibl.).

EPONYMY: *Jaegeria* Humboldt, Bonpland & Kunth (1820).

3265. *Ueber die Pflanzenversteinerungen* welche in dem Bausandstein von Stuttgart vorkommen. Von Med. Dr. Georg. Friedr. Jaeger, ... Stuttgart (Verlag der J. B. Metzler'schen Buchhandlung) 1827. Qu. (*Pfl.-Versteiner.*).
Publ.: 1827, p. [i-iv], [1]-40, *pl. 1-8* (uncol. liths.). *Copies*: G, NY.
Ref.: Anon., Flora 10: 673-681. 21 Nov 1827.
Ward, Ann. Rep. U.S. geol. Survey 5: 406. 1885.

Jäggi, Jacob [Jakob] (1829-1894), Swiss botanist; from 1870 at the technical university of Zürich. (*Jäggi*).

HERBARIUM and TYPES: Material at B, GB, K, L. LE.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 344; Barnhart 2: 242; BL 2: 565, 592, 672; BM 2: 920; Bossert p. 194; CSP 16: 57; DTS 1: 133; IH 2: 309; Kew 3: 140; MW suppl. p. 144; Rehder 5: 429; Saccardo 2: 59; Tucker 1: 367.
Anon., Bot. Not. 1895: 38; Jahresber. natuf. Ges. Graubünden ser. 2. 38: 83-87. 1895.
Schröter, C., Neue Zürcher Zeit. nos. 179, 181. 1894 (n.v.).

COMPOSITE WORKS: With C. Schröter, *Fortschritte in der Systematik und Floristik der Schweizerflora* (*Gefässpfl.*), Ber. schweiz. bot. Ges. 2: 82-102. 1892, 3: 121-128. 1893.

EPONYMY: *Jaeggia* H. Schinz (1888).

3266. *Die Wassernuss, Trapa natans L.* und der Tribulus der Alten von J. Jäggi, Conservator und Dozent am Polytechnicum. Zürich (Druck von Zürcher & Furrer) 1883. Qu. (*Wassernuss*).
Publ.: Dec 1883 (Bot. Zeit. 29 Feb 1884; Nat. Nov. Feb(1) 1884), p. [1]-34, *1 pl.* (uncol. lith.). *Copy*: G. – Reprinted from Neujahrsblatt der naturf. Ges. in Zürich.

3267. *Eglisau in botanischer Beziehung* ... [Zürich] (Druck von Zürcher & Furrer) s.d. [1883]. (*Eglisau*).
Publ.: 1883, p. [1]-50. *Copy*: G. – Reprinted from the "Taschenbuch für Eglisau" Zürich, bei S. Höhr 1883.

Jäggli, Mario (1880-1959), Swiss bryologist and plant geographer working in southern Switzerland. (*Jäggli*).

HERBARIUM and TYPES: G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 242; BFM 1045, 1046, 1047; BL 2: 575, 584, 585, 672; Hirsch p. 137; IH 2: 309; Kew 3: 140.
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Schuster und Schweiz, Generalregister Bot. Jahrb. 2(31-56): 84. 1938.
Tramer, O., Verh. Schweiz. nat. Ges. 140: 222-226. 1960 (portr.).

3268. *Monografia floristica del Monte Camoghè* (press Bellinzona) dissertazione inaugurale presentata per l'esame di dottorato all'Alta Facoltà filosofica dell'Università di Zurigo ... Bellinzona (Tipo-litografia eredi Carlo Salvioni) 1908. Oct. (*Monogr. florist. Monte Camoghè*).
Publ.: Apr 1908 (p. 2: 18 Apr 1807), p. [i-iv], *pl. 1-2*, [1]-247, [1, ind.], map, *pl. 3-5*. *Copy*: USDA – Reprinted from Boll. Soc. Ticinese Sci. nat. 4, Apr 1908. Mitt. bot. Mus. Univ. Zürich 37.

3269. *Peregrinazioni briologiche* nel Bellinzonese ed in Valle Maggia. vii Contributo alla briologia ticinese. Locarno (tip. Pedrazzini) 1931. (*Peregrin. briol.*).
Publ.: 1932, p. [1]-25 (p. 25: 28 Dec 1931). *Copy*: Steere. – Reprinted from Boll. Soc. ticinese Sci. nat. 1931 (1932).

Jahandiez, Émile (1876-1938), French botanist and horticulturist at Carqueiranne (Var), mainly active in S. France, Canary Islands, Spain and North Africa. (*Jahand.*).

HERBARIUM and TYPES: Material at AL, AMD, B, C, E, G, IPC, K, NY, P, RAB. – Bryological collections at G (fide Sayre).
Ref.: Sayre, Bryologist 80: 510. 1977 (1978).

BIBLIOGRAPHY and BIOGRAPHY: BFM 1535; BL 1: 44, 45, 303, 2: 267, 208, 209, 672; GR p. 328; IH 2: 309-310; Kew 3: 141-142; Langman p. 392; LS suppl. 12901; MW suppl. p. 144; PFC 2(2): xxii; Plesch p. 279-280; Tucker 1: 367.
Anon., Le Chêne, Marseille 37(1-2). 1934 (bibl.; fide Maire 1939).
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Engler, Bull. Acad. int. Géogr. bot. 17(219): xvi. 1908, 18(238-240): 12. 1909.
Maire, R., Bull. Soc. Hist. nat. Afr. Nord 30: 410-412. 1939; Progr. conn. bot. Algérie *pl. 8.* 1931 (portr.).
Phillips, V. T. and M. E., Guide mss. coll. Acad. Phila. p. 205. 1963.
Salgues, Ann. Soc. Hist. nat. Toulon 22: 24-32. 1938 (portr.).
Verdoorn, Chron. bot. 5(1): 98. 1939.

GARDEN: Created a *Jardin de plantes exotiques* at Carqueiranne, 1903.

3270. *Muscinées du Départment du Var* par MM. L. Corbière ... et E. Jahandiez ... Supplément au tome iv des Annales de la Société d'Histoire naturelle de Toulon 1921. Toulon (Imprimerie Mouton & Combe ...) 1921. Oct. (*Muscin. Var*).
Co-author: Louis Corbière (1850-1941).
Publ.: Jan-Apr 1921 (Rev. Bryol. Mai-Jun 1921), p. [1]-63. *Copy*: Steere. – See also Jahandiez, *Bibliographie botanique varoise*, Ann. Soc. Hist. nat. Toulon 21: 62-87. 1937.

3271. *Catalogue des plantes du Maroc* (Spermatophytes et Ptéridophytes) par Emile Jahandiez, ... Dr. René Maire ... avec la collaboration de: J. A. Battandier, ... L. Ducellier, ... L. Emberger, ... P. Font-Quer, ... Alger (Imprimerie Minerva ...) 1931-1941, 4 vols. Oct. (*Cat. pl. Maroc*).
Co-author: René Charles Joseph Ernest Maire (1878-1949).
Collaborators: Jules Aimé Battandier (1848-1922); Léon Octave Ducellier (1878-1938); Marie Louis Emberger (1897-1969); Pius Font-Quer (1888-1964).

Vol. 1: 1931 (p. ix: 1 Aug 1931), p. [i]-xl, [1]-159.
Vol. 2: 1932, p. [xli-xliii]. [161]-557.
Vol. 3: 1934 (Nat. Nov. Jun 1934), p. [i*], [xli]-lvii, [559]-913.
Vol. 4: 1941, p. [i*-v*], lix (as "ix")-lxxv, [915]-1181. Authors of vol. 4: Louis Emberger and R. Maire.
Copies: MICH, MO, NY, US, USDA.

Ref.: Jahandiez, Mém. Soc. Sci. nat. Maroc 3(1): 1-125, *pl. 1-9.* 1 Jun 1923 ("Contributions à l'étude de la flore du Maroc") (BL 1: 45).
Jahandiez et Weiller, Cavanillesia 5: 5-23. 1932 (itin. S. W. Marocco, and Anti-Atlas).

Jahn Jr., Alfredo (1867-1940), Venezuelan botanist. (*Al. Jahn*).

HERBARIUM and TYPES: US; duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 243; BL 1: 261, 303; IH 2: 310; Langman p. 392.

EPONYMY: *Jahnia* Pittier & Blake (1929). *Note*: *Jahniella* F. Petrak (1921) is dedicated to Josef Jahn (1860-1917), Czeck teacher and floristic botanist.

3272. Universidad central de Venezuela. *Las palmas de la flora venezolana* monografia botanica... Caracas (Tipografia universal) 1908. Oct. (*Palm. venez.*).
Publ.: 1908 (p. 126: Mar 1908), p. [1]-126. *Copies*: NY, U, US, USDA.

Jahn, August Friedrich Wilhelm Ernst (*fl.* 1774), German botanist and physician. (*A. F. Jahn*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 921; Dryander 3: 161; PR 4386 (ed. 1: 4852); Rehder 1: 373, 5: 429; Tucker 1: 367.

3273. *Plantas circa Lipsiam* nuper inventas describit et viro clarissimo doctissimo Carolo Friderico Struve... summos in arte medica honores nomine societatis disputatoriae sub praesidio viri praenobilissimi experientissimi Joannis Gottfried Leonhardi... gratulatur Augustus Fridericus Guillielmus Ernestus Jahn Gehrena-thuringus medicinae baccalaureus Lipsiae a.d. xviii. Mart. mdcclxxiv. Ex officina Langenhemia. Qu. (*Pl. Lips*).
Publ.: 18 Mar 1774, p. [i]-xii. *Copies*: HH; WU (inf. W. Gutermann).

Jahn, Eduard Adolf Wilhelm (1871-1942), German teacher in Berlin; later at the Botanical Institute of the Forestry College at Hannover-Münden; pupil of Schwendener; specialist on myxomycetes. (*E. Jahn*).

HERBARIUM and TYPES: B (Myxomycetes), extant.
Ref.: Kohlmeyer, Willdenowia 2: 783. 1961.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 243; BM 2: 921; Bossert p. 194; CSP 16: 60; DTS 3: xliv; GR p. 22, cat p. 65; IH 2: 310; LS 34969-34969b, suppl. 12902-12913; Moebius p. 73, 74, 280; NAF 2(1): 161; Rehder 5: 429; Stevenson p. 1246; TL-2/1711.
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COMPOSITE WORKS: (1) EP, *Die natürlichen Pflanzenfamilien*, ed. 2. *Bemerkungen* 2: [1]. 1928; *Myxomycetes* 2: [304]-339. 1928 (TL 2/1911).
(2) *Kryptogamenflora Brandenburg, Myxobacteriales* 5(1): [187]-192. 27 Dec 1909, 5(2): 193-208. 20 Apr 1911.

EPONYMY: *Jahnula* W. Kirschstein (1936).

3274. *Beiträge zur botanische Protistologie*... I. Die Polyangiden... Leipzig (Verlag von Gebrüder Borntraeger) 1924. Oct. (*Beitr. bot. Protistol.*).
Publ.: 1 Oct 1924 (cover), p. [i-iv], [1]-107, *pl. 1-2*. *Copy*: FH.

James, Edwin (1797-1861), American physician and botanist and explorer on Long's exploring expedition to the sources of the St. Peters River; Colorado's first botanist; from 1836 nr. Burlington, Iowa. (*E. James*).

HERBARIUM and TYPES: NY. – Plants collected by James were described by John Torrey (1824, 1828). Early authors cited them as "iter Long" (see Ewan 1950).

NOTE ON NAME (by Barnhart): His papers in Trans. Am. philos. Soc. ser. 2. 2, 1825 are signed E. P. James.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 292; Barnhart 2: 244; BM 2: 922; Bossert p. 194; CSP 3: 530; DAB 9: 576 (bibl.); Hortus 3: 1196 ("James"); IH 2: 311; Kew 3: 146; Lasègue p. 465, 466; Lenley p. 240; ME 3: 604 [index]; Merrill p. 245-247, 702; NAF ser. 2. 5: 244; Pennell p. 610; PR 4389; Rehder 1: 321; Zander ed. 10, p. 675.
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Earle Smith, Bartonia 28: 16. 1957.

Ewan, J., Rocky Mountain naturalists 13-20, 237-238. 1950 (portr.); Trail and Timberline no. 267, Jun 1942 (portr., bibl. of biol. titles on Long's expl. exp.).
Ewan, J. et al., Short hist. bot. U.S. 41. 1969.
Geiser, S. W., Naturalists of the frontier ed. 2. 276. 1948.
Graustein, J. E., Thomas Nuttall 469 [index]. 1967.
Hulbert, A. B., Southwest on Turquoise trail 24-42. 1933 (ascent of Pikes Peak).
Pamell, Ann. Iowa ser. 3. 8: 161-185. Oct 1907; 8: 277-295. Jan 1908 (fide Ewan 1942).
Parry, Amer. J. Sci. ser. 2. 33: 428-430. 1862.
Reveal, J., *in* A. Cronquist et al., Intermountain flora 1: 43. 1972.
Reveal, J., and Hafen, *in* Hafen et al., Western America ed. 3. 381, 383. 1970.
Rodgers, A. D., John Torrey 343 [ind.]. 1942.
Rowe, B. F., *in* H. A. Kelly and W. L. Burrage, Amer. med. biogr. 606-607. 1920.
Sargent, C. S., Silva 2: 96. 1891.
Spaulding, Pop. Sci. Mo. 75: 497-498. 1908.
Torrey, J., Ann. N.Y. Lyceum nat. hist. 1: 30-36, 148-156. 1824; 2: 161-254. 1828 (descr. of plants collected by James).

EPONYMY: *Jamesia* Rafinesque (1832, *nom. rej.*); *Jamesia* J. Torrey & A. Gray (1840, *nom. cons.*); *Jamesia* C. G. D. Nees (1841). *Note*: Jamesianthus S. F. Blake & E. E. Sherff (1940) is dedicated to Robert Leslie James (*fl. 1936*), American botanist.

3275. *Account of an expedition from Pittsburgh to the Rocky Mountains*, performed in the years 1819 and '20, by order of the hon. J. C. Calhoun, sec'y of war: under the command of Major Stephen H. Long. From the notes of Major Long, Mr. T. Say, and other gentlemen of the exploring party. Compiled by Edwin James, botanist and geologist for the Expedition. In two vols. – With an atlas... Philadelphia (H. C. Carey and I. Lea,...) 1823, 2 vols. Oct. (in fours). (*Account exped. Pittsburgh*).

1: 1823 (registr. 29 Nov 1822), p. [i-iv], [1]-5, [1-2, cont.], [1]-503.
2: 1823 (id.), p. [i-v], [1]-442, [i]-xcvii (dated 1822).
Copies: NY, US – *Atlas* (n.v.): 2 maps. Qu.
London issue: 1823, 3 vols., London (printed for Longman, Hurst, Rees, Orme, and Brown) 1823. Reprinted in R. G. Thwaites, *Early western travels*: 1748-1846, vols. 14-17 (see ME).
See also BM 2: 922 for differences between issues.
Ref.: ME 2: 396-398.
Lubrecht, H., Early Amer. bot. works 1967, no. 72.

James, Joseph Francis (1857-1897), American naturalist; from 1881-1886 professor of medical botany at Cincinnati College of Pharmacy and custodian of the Society of Natural History (Cincinnati); from 1886-1888 professor of botany and geology at Miami University, Oxford, Ohio; from 1889-1891 assistant palaeontologist with the USGS; from 1891-1897 vegetable pathologist at USDA. (*J. James*).

HERBARIUM and TYPES: BPI; other material NA, OS.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 281; Barnhart 2: 244; BM 2: 923; CSP 10: 321, 12: 363, 16: 66-67; IH 2: 311; Kew 3: 146; Langman p. 392; LS 13055-13062; NAF 7(15): 1071; Quenstedt p. 220; Rehder 5: 430; Stevenson p. 1246; Tucker 1: 368.
Anon., Bot. Gaz. 23: 393. 1897; Bot. Not. 1898: 45.
Gilbert, Amer. Geol. 21: 4-11. 1898 (main bibl. portr.).
Kellerman, W. A., *in* Geol. Ohio Pl. 57, 64, 67, 68, 69, 70.
Phillips, V. T. and M. E., Guide mss. coll. acad. Phila. p. 164, 567. 1963.
Rickett, H. W., Index Bull. Torrey bot. Club 51. 1955.
Rodgers, A. D., Amer. bot. 1873-1892. 232, 235. 1944.
Stanton, Bull. geol. Soc. America 9: 408-412. 1898 (bibl.).

HANDWRITING: Amer. Geol. 21: *pl. 1*. 1898.

3276. *Catalogue of the flowering plants*, ferns and fungi growing in the vicinity *of Cincinnati*... Cincinnati, O. (printed by James Barclay) s.d. [1879]. Oct. (*Cat. fl. pl. Cincinnati*).

Publ.: Apr 1879, p. [1]-27. *Copy*: US. – Reprinted from the J. Cincinnati Soc. nat. hist. 2(1): 42-68. Apr 1879.

James, Thomas Potts (1803-1882), American bryologist; collaborator of Leo Lesquereux; lived at Philadelphia 1803-1869; at Cambridge, Mass. 1869-1882. (*T. James*).

HERBARIUM and TYPES: FH and PH. – Other material B, K, MANCH, MASS, MO, PC-Durand. Correspondence at FH.
Ref.: Pennell, Bartonia 21: 55. 1942 (herb. at PH).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 244; BM 2: 923; Bossert p. 194; CSP 3: 53 h 8: 12, 10: 321, 12: 363; DAB (by H. M. Raup); Jackson p. 365; IH 2: 311; Kew 3: 146; ME 1: 198, 3: 604; Rehder 5: 430; SBC p. 123 ("James"); TL-2/312, 1310; Tucker 1: 368.
A. M. S., Bryologist 6(6): 101. 1903 (bibl. add.).
Anon., Bot. Gaz. 7: 51. 1882; Bot. Not. 1883: 30; Rev. bryol. 7: 80, 91. 1880; 9: 48. 1882; 11: 64, 75. 1884.
Ewan, J. et al., Short hist. bot. U.S. 12, 91. 1969.
Gray, A., Sci. papers 2: 419-420. 1889.
Gozzaldi, Bryologist 6(5): 71-74. 1903 (portr.).
Harshberger, J. W., Bot. Philadelphia 186-187. 1899.
Humphrey, Makers of N. Amer. Bot. 125-126. 1961.
Murray, J. Bot. 20: 158-159. 1882.
Phillips, V. T. and M. E., Guide mss. coll. Acad. Phila. p. 481 (ind.). 1963.
Pennell, F. W., Bartonia 21: 55. 1942.
Rickett, H. W., Index Bull. Torrey bot. Club 51. 1955.
Rodgers, A. D., William Starling Sullivant 349 [index]. 1940; Amer. bot. 1873-1892. 330 [index]. 1944.
Rothrock, Proc. Amer. philos. Soc. 20(110-113): 293-297. 1883.

COMPOSITE WORKS: (1) See Lesquereux and James, *Manual of the mosses of North America.* Boston (Cassino & Co.), 1884 (TL-2/4421).
(2) Assisted Darlington in the preparation of *Flora cestrica*, 1853 ed. (TL-2/1310).

NOTE: In a printed announcement of his death (copy at MO) his widow, Isabella James, writes "Until within a few hours of his death, Mr. James was working on a Manual of North American Mosses, which he, in connection with M. Leo Lesquereux, was preparing for the press, giving the result of the study of the past forty years."
See A. D. Rogers (1944) for many notes on James and on the rôle played by him in the publication of Lesquereux and James, *Manual* (see above, composite works).

PORTRAITS: See Bossert p. 194, and Gozzaldi (1903).

HANDWRITING: Bartonia 28: *pl. 5*, 1957.

Jameson, Hampden Curney (1852-1939), British clergyman and botanist; curacies at Norlands, Lincoln and Castbourne; vicar at Eastbourne 1896-1917; from 1917-1939 in retirement at Leatherhead. (*H. Jameson*).

HERBARIUM and TYPES: BM (1800; bryophytes).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 244; BM 2: 923; Desmond p. 341; IH 2: 311; Kew 3: 147; Lenley p. 241; NI 983; Tucker 1: 368.
Britten, J. Bot. 37: 336. 1899.
Jameson, Hampden Gurney, Illustrated guide to trees and flowers of England and Wales, ed. 1 (1909), ed. 4 (1942). (See Desmond p. 341).
Richards ["P.W.R."], Brit. bryol. Soc. Rep. 4(5): 315-316. 1946.

COMPOSITE WORKS: (1) With H. N. Dixon, *Student's handbook of British mosses*, see no. 1480.
Additional references: Naylor, Bryologist 8(5): 90-91. 1905 (rev. ed. 2); Grout, Bryologist 7(6): 1904 (rd. "during the summer").

(2) Illustrated S. M. Macvicar, *Student's handbook of British hepatics* (1912, 1926).

3277. *Key to the genera and species of British mosses* . . . London (West, Newman & Co., . . .) 1891. Oct. (*Key Brit. mosses*).
Publ.: Sep 1891 (as reprint), p. [i], [1]-32, *pl. 302*, with text [1 p.]. *Copies*: BR, U. – Reprinted from J. Bot. 29: 33-46. Feb 1891, 132-142. Mai 1891, 196-206. Jul 1891; according to J. Bot. (29: 286) the reprint was available in Sep 1891.

3278. *Illustrated guide to British mosses*; with keys to the genera and species, . . . Eastbourne (published by the author, . . .) s.d. [1893], Oct. (size). (*Ill. guide Brit. mosses*).
Publ.: Oct 1893 (Nat. Nov. Nov 1893; J. Bot. Nov 1893; Rev. Bryol. ed.), p. [i-ii]. [1]-75, [76-77, ind.; 78-80, expl. pl.], *pl. 1-59* (uncol.). *Copies*: FH, NY.
Ref.: Jameson, H. G. Key to the genera and species of british mosses 1891 (see above).
Gepp, A., J. Bot. 31: 341-345. 1893 (see also 32: 351. 1894: out of print).

Jameson, William (in S. America: Guilielmo) (1796-1873), Scottish physician and botanist; MD Edinburgh 1818; to Greenland 1818; to South America 1802; at Quito from 1826. (*W. Jameson*).

HERBARIUM and TYPES: Mainly at BM, K and E, further material in many herbaria (see IH). Location of original herbarium not known.
Ref.: Hedge, J. C. and J. M. Lamond, Ind. coll. Edinburgh 95. 1970.
Acosta-Solis, Naturalistas y viajeros cientificos del Ecuador 26-28. (itin.) (fide Sayre).
Sayre, Mem. New York Bot. Gard. 19(3): 348. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 292; Barnhart 2: 244; BB p. 165; BL 1: 250, 303; BM 2: 924; Bossert p. 194; Clokie p. 189; CSP 3: 532-533, 8: 12; Desmond p. 341; DNB 29: 236; Hortus 3: 1196 ("Jameson"); IH 2: 311; Jackson p. 375; Kew 3: 147; Lasègue p. 327, 472, 505; PR 4391; Urban-Berl. p. 303, 360; Zander ed. 10, p. 675.
Anderson-Henrey, Trans. Proc. bot. Soc., Edinburgh 12: 19-28. 1876.
Anon., Bot. Not. 1874: 31; Gard. Chron. 1872: 1622, 1873: 1151; Bull. Soc. bot. France 20 (bibl.): 103. 1873.
G. Ch., Flora 56: 446-447. 1873.
Jameson, W., Journal of voyage from Rio to Peru 1822 (n.v., fide Desmond).
Milner, J. D., Cat. Portr. Kew 66. 1906.
Phillips, V. T. and M. E., Guide mss. coll. Acad. Phila. p. 567. 1963.
Trimen, J. Bot. 11: 318-319. 1873.
Weberbauer, A., Pflanzenw. peruan. Anden 7. 1911 (Veg. Erde 12).

EPONYMY: *Jamesonia* W. J. Hooker & Greville (1840); *Jamesoniella* (Spruce) Carrington (1881).

3279. *Synopsis plantarum aequatoriensium*, exhibens plantas praecipue in regione temperata et frigida crescentes, secundum systematam naturalem descriptas viribus medicatis et usibus oeconomicis plurimarum adjectis . . . Quito (typis Joannis Pauli Sanz) 1865, 2 vols. Oct. (size). (*Syn. pl. aequat.*).
1: 1865 (p. ii: 10 Feb 1865), p. [i*-iv*], [i]-ii, [1]-333.
2: 1865, p. [i-iv], [1]-324.
3: [1]-136. Possibly only proofsheets; at US, no other copies known neither to us nor to J. Ewan (in lit.).
Copies: MICH, NY, US; IDC 836.
New edition: s.d. [1940], p. [1]-536, (autobiography on p. 5-10). *Copies*: NY, USDA. – "Guillermo Jameson *Synopsis plantarum aequatoriensium.* Publicaciones de la Universidad central. Quito – Ecuador. Imprenta de la Universidad central".

Jan, Georg (Giorgio) (1791-1866), Austrian botanist of Hungarian descent who became professor of botany at Parma, from 1831 director of the Museo Civico in Milan. (*Jan*).

HERBARIUM and TYPES: Museo Civico, Milano (17.000), now at MI(?); other material at AWH, BM, C, FI, G, H, MO, MPU, PAV.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 376; Barnhart 2: 245; BM 2: 924; CSP 3: 534-535; DTS 1: 376, 6(4): 20, 157; Frank 3(Anh.): 47; Hortus 3: 1196 ("Jan"); IF 707; IH 2: 312; Jackson p. 315, 317; Kew 3: 147; Lasègue p. 342; PR ed. 1: 4856-4858; Rehder 5: 430; Saccardo 1: 91, 2: 59; Tucker 1: 368; Zander ed. 10, p. 675.
Anon., Bull. Soc. bot. France 13(bibl.): 190-191. 1866; Flora 49: 350. 1866; Österr. bot. Z. 16: 258. 1866.
Hausmann, F., Fl. Tirol. 3: 1181.1854.
Schlechtendal, Bot. Zeit. 24: 207-208. 1866.

EPONYMY: *Jania* J. V. F. Lamouroux (1812); *Jania* J. A. Schultes & J. H. Schultes (1830).

3280. *Catalogus plantarum phaenogamarum*, ad usum botanophilorum exsiccatarum . . . Dabam Parmae 1. Januarii 1818. Georgias Jan, Professor Botanices in Universitate Parmensi. (*Cat. pl. phaen.*).
Publ.: Jan-Mai 1818 (t.p. 1 Jan 1818; rd. Regensburg 4 Jun 1818), p. [1]-79, [1-2, corr.]. *Copy*: WU.
Ref.: Anon., Flora 1: 312-313. 1818.

3281. *Elenchus plantarum* quae in horto ducali botanico Parmensi anno mdcccxxvi coluntur, et quae exsiccatae pro mutua offeruntur commutatione. [Parma] s.d. [1831] Fol. (*Elench. pl.*).
Publ.: 1831 after Mar, even though it is a list of exsiccatae of plants grown in the Parma garden in 1826. The date 1831 appears on p. 20 and 21; p. [iii], [1]-37, [1-5 ind., err.]. *Copies*: G, NY. – The list is of some nomenclatural importance because of some new combinations. The original cover carries no title but "amabilis scientiae botanices cultoribus" and the author's name and functions.

3282. *Enumeratio methodica plantarum exsiccatarum* quarum copiam offerunt anni 1832 mense Januario DeCristofori et Jan s.l. [Parma]. Fol. (*Enum. pl. exsicc.*).
Publ.: Jan 1832 (t.p.), p. [1]-37 [seeds 38-39]. *Copy*: G.

Janchen, Erwin (1882-1970), Austrian botanist and nomenclaturist; pupil of Wettstein; Dr. phil. Wien 8 Feb 1907; from 1905-1920 at the Botanical Institute; from 1920-1923 at the Bundesanstalt für Pflanzenschutz; from 1923 at the Botanical Garden and Botanical Institute Wien. (*Janch.*).

HERBARIUM and TYPES: WU.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 640; Barnhart 2: 245; BFM 813, 917, 918, 2334-2338; DTS 6(4): 79, 157; Hirsch p. 138; Hortus 3: 1196 ("Janch."); IF suppl. 1: 82, 4: 326; IH 2: 312; Kew 3: 149; Langman p. 393; LS suppl. 12921-12924; TL-2/1711; Tucker 1: 368; Zander ed. 10, p. 675.
Anon., Generalregister Bot. Not. 1839-1938: 100. 1939.
Janchen, E., Richard Wettstein 180. 1933, Österr. bot. Z. 87(2): leaflet preceding p. 81. 1938 (On Janchen, the "Anschluss" and Adolf Hitler); Cat. fl. austr. 1: 2, 11, 13. 1956.
Schuster & Schweiz, Generalregister Bot. Jahrb. 2(31-56): 84. 1938.
Wendelberger, Verh. Zool.-bot. Ges. Wien 110/111: 159-161. 1971/1972; Ber. bayer. bot. Ges. 43: 153-54. 1972.

COMPOSITE WORKS: (1) Editor of *Österreichische Botanische Zeitschrift* vols. 80-93, 1931-1944.
(2) EP, *Die natürlichen Pflanzenfamilien*, ed. 2, *Cistaceae*, 21: 289-313. Dec 1925 (TL-2/1911).

3283. *Die europäischen Gattungen der Farn- und Blütenpflanzen* nach dem Wettsteinischen System geordnet von Erwin Janchen . . . Wien (Verlag des Naturwissenschaftlichen Vereines an der Universität Wien, . . .) 1908. Qu. (*Eur. Gatt. Farn. Bl.-Pfl.*).

Ed. [1]: Nov- Dec 1908 (p. 2: Nov 1908; Bot. Zeit. 16 Mai 1909), p. [i], [1]-49. *Copies*: MICH, NY, US.
Ed. 2: 1913 (p. iv: Aug 1912), p. [i]-iv, [1]-60. *Copies*: MO, NY. – "Zweite verbesserte Auflage" Leipzig und Wien (Franz Deuticke) 1913. Oct.

3284. *Zur Frage der totgeborenen Namen* in der botanischen Nomenklatur... Wien (Im Selbstverlage des Verfassers) 1909. Oct. (*Frage totgebor. Namen*).
Publ.: 1909, p. [1]-28. *Copy*: MO.

Janczewski, Eduard von Glinka (1846-1918), Polish-Austrian botanist. (*Jancz.*).

HERBARIUM and TYPES: Material at KRAM, P, PC.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(3): 51; Barnhart 2: 245; Bossert p. 195; CSP 7: 788, 10: 323, 12: 364, 16: 70; Hortus 3: 1196 ("Jancz."); IH 2: 312; Jackson p. 150, 157; Kew 3: 149-150; Langman p. 393; LS 13067-13072, 34974; Moebius p. 214; MW p. 216-217; NW p. 49; Rehder 5: 430; Stevenson p. 1246; Tucker 1: 368; Zander ed. 10, p. 675.
Anon., Bot. Not. 1918: 259; Generalregister Bot. Not. 1839-1938: 100-101. 1939; Magy. bot. Lap. 17: 116. 1918 (*d.*: 17 Jul 1918); Nuov. Notarisia 30: 102. 1919; Österr. bot. Z. 67: 248. 1918.
De Toni, Syll. alg. 1: lxvii. 1889.
Diels & Mildbraed, Generalregister Bot. Jahrb. 1(1-30): 29. 1904.
Harvey-Gibson, R. J., Outlines hist. bot. 171, 178. 1914.
Lilpop, J., Edward Janczewski, Kom. Fiz. 53-54: xxxviii-xxxix. 1920 (n.v.).
Schuster, R. M., Hep. Anthoc. N. Amer. 1: 62. 1966.
Schuster, W. & Schweiz, Generalregister Bot. Jahrb. 2(31-56): 84. 1938.
Szafer, W., Concise hist. bot. Cracow 161 [index]. 1969 (portr.).
Weberbauer, A., Pflanzenw. Peruan. Anden. Anden 31-32. 1911.
Wittrock, V. B., Acta Horti Berg. 3(2): 82. *pl. 23*. 1903.

EPONYMY: *Janczewskia* Solms-Laubach (1877).

3285. *Observations sur quelques algues* possédant des zoospores dimorphes... [Cherbourg (Imp. Bedelfontaine et Syffert) 1874]. Oct. (*Observ. alg.*).
Co-author: Józef Tomasc Rostafinski (1850-1928).
Publ.: 1874, p. [1]-76. *Copy*: FH. – Reprinted from Mém. Soc. natl. Sci. nat. Cherbourg 18: 369-375. 1874, 19: 91-96. 1875.

3286. *Observations sur l'accroissement du thalle des phéosporées* ... [Cherbourg (Imp. Bedelfontaine et Syffert) 1875] Oct.
Co-author: Józef Tomasc Rostafinski (1850-1928).
Publ.: Jul-Dec 1875 (p. 20: 1 Jun 1875), p. [1]-20. *Copy*: FH. – Reprinted from Mém. Soc. natl. Sci. nat. Cherbourg 19: 97-116. 1875. To be cited from journal.

3287. *Cladosporium herbarum* i jego najpospolitisze na zbozu towarzysze. Z ezterema tablicami. Recherces sur le Cladosporium herbarum et ses compagnons habituels sur les céréales avec résumé français et iv planches. W. Krakowie [Krakow] (Nakladem Akademi Umiejetności...) 1894. Qu. (*Cladosporium herb.*).
Publ.: Jun 1894 (see "Extrait"; Nat. Nov. Nov(2) 1894), p. [i-ii], [1]-45, *pl. 1-4*. *Copy*: USDA. – Reprinted from Bull. Acad. Sci. Cracovie 27: 143-187, *pl. 1-4*. 1895, résumé français p. [1]-22.
Preliminary notice: Anz. Akad. Wiss., Krakau 1892: 271-273.

Janet, Charles (1849-1932), French phycologist. (*Janet*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 245; BM 2: 925; CSP 16: 70-71; Kew 3: 150.
Anon., Österr. bot. Z. 81(2): 1932; Rev. bryol. 40: 80. 1913.

EPONYMY: *Janetosphaera* W. Shaw (1922).

3288. *Le Volvox*. Limoges (Imprimerie-librairie Ducourtieux et Gout...) 1912. Oct. (*Volvox*).
Publ.: 1912 (Nat. Nov. Dec (1)), p. [1]-151. *Copy*: M.

Janka [von Bulcs], Victor (1837-1900), Austrian soldier and botanist, from 1871 curator of BP. (*Janka*).

HERBARIUM and TYPES: CL; much material also at BP. Duplicates of his Balcan collections in many herbaria.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 774; Bossert p. 195; Clokie p. 189-190; CSP 3: 535, 8: 13-14, 12: 364, 16: 73; DTS 1: 133; Hortus 3: 1196 ("Janka"); IH 2: 312; Jackson p. 460; Kew 3: 151; MW p. 217; PR (alph.); Rehder 5: 430; Sacardo 1: 91; Tucker 1: 369; Zander ed. 10, p. 675.
Adamović, Vegetationsverh. Balkanländer 7, 18. 1909 (Veg. Erde xi).
Anon., Bot. Zeit. 48: 630. 1890; Bull. Soc. bot. France 18 (bibl.): 190. 1871.
Beck, G., Vegetationsverh. Illyr. Länder 36. 1901 (Veg. Erde 4).
Diels & Mildbraed, Generalregister Bot. Jahrb. 1(1-30): 29. 1904.
Kanitz, Pl. roman. xxi. 1881.
Lengyel, Termész. közl. 268: 633. 1891.
Lindemann, Bull. Soc. Natur. Moscou 59(1): 307. 1884.
Neilreich, Österr. bot. Z. 15(1): 1-5. 1865 (portr.).
Pax, F., Grundz. Pflanzenverbr. Karpathen 1: 22, 24, 29, 42, 48, 50, 52, 55, 56, 61, 62-63. 1898 (Veg. Erde 2(1)).
Wittrock, Acta Horti Berg. 3(2): 157. 1903; 3(3): 170. *pl. 123.* 1905.

EPONYMY: *Jancaea* Boissier (1875); *Jankaea* Boissier (1879, *orth. var.*).

3289. *Plantarum novarum turcicarum breviarum* . . . s.l.n.d. [Wien 1872-1873]. Oct.
Part 1: Jan 1872 (in journal), p. [1]-8. *Copy*: G. – Reprinted from Öst. bot. Z. 22: 174-182. Jan 1872.
Part 2: Jun-Aug 1873 (in journal), p. [1]-10. *Copy*: G. – Id. 23: 194-196. Jan 1873; 201-205. Jul 1873; 241-244. Aug 1873. – To be cited from journal.

3290. *Scrophularineae europaeae* analytice elaboratae . . Budapest (Franklin-Társulat Kónyvnyomdája) 1881. Oct. (*Scrophul. eur.*).
Publ.: Feb-Mar 1881 (Nat. Nov. Apr(1) 1881; Bot. Zeit. 29 Apr 1881), p. [1]-40. *Copies*: G(2), MO(2). – Reprinted from Termeszetrajzi Türzelek 4(4): 284-320. 1880.

3291. *Violae europaeae* s.l. [Budapest] 1882. Oct. (*Viol. eur.*).
Publ.: Mar-Apr 1882 (G copy rd. 16 Mai 1882; Nat. Nov. Jul(1) 1882; Bot. Zeit. 28 Jul 1882), p. [1]-40. *Copy*: G. – Reprinted from Természetrajzi Füzetek 5(2-4): 253. 1882.

Jansen, Pieter (1882-1955), Dutch agrostologist and high school teacher at Rotterdam (1900-1912), at the teachers college of Amsterdam 1912-1952. (*Jans.*).

HERBARIUM and TYPES: L; other material at AMD, GOET and U.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 347, 12(2): 637; Backer p. 293; Barnhart 2: 246; BL 2: 424, 425, 672; Bossert p. 195; IH 2: 313; JW 2: 193; Kew 3: 152; SBC p. 123 ("Jans.").
Ooststroom, S. J. van, Blumea 8(1): 1. 1955 (portr.); Acta Bot. Neerl. 4(4): 485-486. 1955 (portr.).

COMPOSITE WORKS: *Flora neerlandica, Gramineae*, vol. 1(2), 272 p.

EPONYMY: *Jansenella* Bor (1955). *Note*: *Jansenia* Barbosa Rodrigues (1891) is dedicated to José Jansen Ferreira Jr., Brazilian politician.

Jao, Ch'in-chih (1900-x), Chinese botanist who studied at Ann Arbor, Mich.; later professor of biology at Peking. (*Jao*).

HERBARIUM and TYPES: MICH; also private.
Ref.: IH 2: 313.
Koster, J., Taxon 18: 554. 1969.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 246; Bossert p. 195; IH 2: 313; MW p. 217; NAF 11(1): 90, ser. 2. 8: 48.
Jao, C., Sinensia 6: 551-645. 1935 (Zygnematac. from Szechwan).

EPONYMY: *Jaoa* K. C. Fan (1964); *Jaoniella* B.V. Skvortzov (1961); *(1961); Jaosaccion* C. van den Hoek (1966).

Jaquet, Firmin (1858-1933), Swiss botanist. (*Jaquet*).

HERBARIUM and TYPES: BERN; further material at C, E, G, GB, L, Z.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 247; BFM 960, 1226a; BL 2: 571, 672; IH 2: 308 (err. Jacquett), 313; Kew 3: 154.
Ursprung, Ber. Schweiz. bot. Ges. 43(1): 5-7. 1934 (bibl.).

3292. *Quelques plantes nouvelles, rares ou critiques du Canton de Fribourg* . . . Fribourg (Imprimerie Fragnière frères) 1899. Oct. (*Pl. nouv. Fribourg*).
Publ.: 1899, p. [1]-18, *Copy*: G. – Reprinted from Bull. Soc. fribourg. Sci. nat. 7(3/4): 209-224. 1899.
Ref.: Jaquet, Mém. Soc. fribourg. Sci. nat. 3: 195-284. 1925 (exotic plants in Fribourg).

3293. *Catalogue raisonné des plantes vasculaires du Canton de Fribourg* et des contrées limitrophes . . . Fribourg (Suisse) (Imprimerie Fragnière Frères) 1929 [1930]. 16-mo. (*Cat. pl. vasc. Fribourg*).
Publ.: 1930 (cover; t.p.: 1929), p. [1]-380, [1, err.], [1, cont.]. *Copies*: MO, NY, USDA. – Mém. Soc. fribourg. Sci. nat. vol. 5, 1930.

Jardin, Désiré Édélestan Stanislas Aimé (1822-1896), French amateur botanist, inspector general of the French navy. (*Jard.*).

HERBARIUM and TYPES: NTM; other material at BAY, CN, K, P, PC, S.
Ref.: Urban, I., Symb. bot. 3: 67. 1902.
Hepper, F. N. and F. Neate, Pl. coll. W. Afr. 74: 42. 1971.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 247; BL 1: 36, 126, 128, 303; BM 2: 926-927; CSP 3: 537, 8: 17, 10: 318, 12: 365, 16: 83-84; GR p. 328; IH 2: 313; Jackson p. 404; Kew 3: 155; Langman p. 393; Lenley p. 461; LS 13086-13087; PR 4394; Rehder 5: 431; Tucker 1: 369.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 166-167. 1947.
Urban, I., Symb. ant. 3: 67. 1902.
Vallot, J. Bull. Soc. bot. France 29: 182. 1882.

COMPOSITE WORKS: Published a supplement to Guillemin, *Zephyrites taitensis* (TL-2/2213) *in* Mém. Soc. imp. Sci. nat. Cherbourg 7: 239-244. 1860.

EPONYMY: *Jardinea* Steudel (1854).

3294. *Essai d'une flore de l'Archipel des Marquises* . . . Paris (chez J.-B. Baillière, . . .), Brest (Normand, . . .), Cherbourg (Bédelfontaine et Syffert, . . .) 1858. Oct. (*Essai fl. Marquises*).
Publ.: 1858, p. [i, iii-iv], [1]-43. *Copy*: NY. – Originally published as "*Essai sur l'histoire naturelle de l'archipel de Mendana ou des Marquises* . . . 2e partie: Botanique" *in* Mém. Soc. Sci. nat. Cherbourg 5: [289]-331. 1857 [1858?]. Part 1, *Geologie et minéralogie* ib. 4: 49-64. 1856; part 3, *Zoologie*, 6: 161-200. 1858.

3295. *Herborisations sur la côte occidentale d'Afrique* pendant les années 1845-1846-1847-1848 . . . Paris (Imprimerie de Paul Dupont) s.d. [1851]. (*Herbor. côte occ. Afr.*).
Publ.: 1851, p. [i, iii], [1]-19. *Copies*: G, NY. – Text of two articles previously published Jul 1850 and Mai 1851 in the *Nouvelles Annales de la Marine et des Colonies;* p. 1-8 contain the text of the first article (Jul 1850), 9-19 of the second (Mai 1851). Journal publication not seen.
Ref.: Lawson and Price, Bot. J. Linn. Soc. 62(3): 342.1969.

3296. *Énumération de nouvelles plantes phanérogames* et cryptogames découvertes dans l'ancien et le nouveau continent et recueillies par Édélestan Jardin . . . Caen (Typographie de F. le Blanc-Hardel . . .) 1875. Oct. (*Enum. nouv. pl. phan.*).
Publ.: Sep-Dec 1875 (p. 5: Aug 1875), p. [1]-95. *Copy*: US. – Bull. Soc. Linn. Normandie ser. 2. 8: 247-339. 1875. Cover has imprint Paris (J. B. Baillière et Fils, . . .), Caen (Typographie le Blanc-Hardel), Brest (Imprimerie J. B. Lefournier Ainé . . .) s.d.

3297. *Aperçu sur la flore du Gabon* avec quelques observations sur les plantes les plus importantes . . . Paris (J.-B. Baillière, . . .) 1891. Oct. (*Aperçu fl. Gabon*).
Publ.: Jan-Sep 1891 (Bot. Zeit. 30 Oct 1891; Nat. Nov. Oct(1) 1891; Library of Congress rd. 23 Nov 1891), p. [1]-71. *Copy*: US (formerly LC). – Reprinted from Bull. Soc. Linn. Normandie ser. 4. 4(4): 135-203. 1890.

Jaroscz, Franz Eduard Felix (1799-?), Polish botanist. (*Jaroscz*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 928; PR 4395 (ed. 1: 4863).

3298. *Plantae novae capenses.* Dissertatio inauguralis quam consensu et auctoritate gratiosi medicorum ordinis in universitate litteraria berolinensi ad summos medicinae et chirurgiae honores rite impetrandos die xxix m. decembris a. mdcccxxi h.l.q.s. publice defendet auctor Franciscus. Ed. Felix Jaroscz Varsavo-polonus . . . s.l. [Berlin] (formis Brueschckianis) s.d. [1821]. Oct. (*Pl. nov. cap.*).
Publ.: 29 Dec 1821, p. [1]-24. *Copies*: G, M(photocopy), NY.

Jatta, Antonio (1852-1912), Italian lichenologist. (*Jatta*).

HERBARIUM and TYPES: NAP. Exsiccatae: *Lichenes italiae meridionalis* (fasc. 1-5, nos, 1-114, 1874-1880), at M, FI, W.
Ref.: Sayre, Mem. New York Bot. Gard. 19: 135. 1969.
Hawksworth, D. L., Mycol. handb. 183. 1974.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 247; BL 2: 339, 347, 385, 672; BM 2: 928; Bossert p. 195; CSP 10: 328, 16: 86; DTS 4: xliv; GR p. 518, cat p. 65; IH 2: 314; Jackson p. 316; Kew 3: 156; LS 13090-13125, 34982-34985, suppl. 12969-12971; MW p. 217; PFC 3(2): x; Saccardo 1: 91; SBC p. 123 ("Jatta").
Catalano, Delpinoa 11: 135. 1958.
Jatta, M., et al., Antonio Jatta (1853-1912), Trani 1919, 137 p., (bibl.).
Merrill, Contr. U.S. natl. Herb. 30(1): 167. 1947.

EPONYMY: *Jattaea* Berlese (1900); *Jattaeolichen* Tomaselli & Ciferri (1952); *Jattaeomyces* Ciferri & Tomaselli (1953).

3299. *Lichenes Italiae meridionalis* quos collegit et ordinavit A. Jatta . . . Taurini [Torino] (Ex Typis J. Candeletti, succ. J. Cassone et Comp.) 1874-1884, 4 parts. Qu. (*Lich. Ital. merid.*).

Manipulus primus: Jan 1874, p. [1]-40, err. slip. *Copy*: G. – Reprinted from Nuov. Giorn. bot. Ital. 6(1): 5-58. 1874.
Manipulus secundus: Jul 1875, p. [1]-24, *pl. 1* (uncol. lith.). *Copy*: G. – Id. 7(3): 211-238, *1 pl.* 1875.
Manipulus tertius: Oct-Nov 1880 (Nat. Nov. Nov 1880; Bot. Zeit. 3 Dec 1880), Nuov. Giorn. bot. Ital. 12: 199-212. Oct-Nov 1880 (no reprint known to us). Includes *Licheni del Monte Gargano*, orig. publ. Atti r. Accad. Sci. Fis. Mat. Napoli 1880: 33-37.
Manipulus quartus: ib. 14: 107-143, *1 pl.* 1882. (no reprint known to us).
Ref.: LS 13091-13094, 13098.

3300. *Monographia lichenum italiae meridionalis* . . . Trano [Trani] (Typis V. Vecchi & C.) 1889. Qu. (*Monogr. lich. Ital. merid.*).
Publ.: 1890 (Nat. Nov. Mai 1890), p. [1]-261, *pl. 1-9*, coloured liths. by author. *Copies*: G, NY.

3301. *Sylloge lichenum italicorum* . . . Trani (Typis V. Vecchi) 1900. Qu. (*Syll. lich. ital.*).
Publ.: 1900 (Bot. Zeit. 16 Mai 1900; Nat. Nov. Jan (2) 1900 as of '1899'), p. [i]-xxxix, [1]-623. *Copies*: B, G, Stevenson, USDA.
Ref.: BM 2: 928; Hedwigia 39: 92. 1900.

3302. Societa botanica italiana. *Flora italica cryptogama* pars iii. *Lichenes* auctore A. Jatta. Rocca S. Casciano (Stabilimento tipografico L. Cappelli) 1909-1911. Oct. (*Fl. ital. crypt., Lich.*).

Fasc. 1: 1 Jan 1909, p. [i], [1]-112.
Fasc. 2: 1 Oct 1909, p. [i], [113]-264.
Fasc. 3: 1 Feb 1910, p. [i], 265-460.
Fasc. 4: 1 Jan 1911, p. [i], 461-694.
Fasc. 5: 15 Apr 1911, p. [i], 695-776.
Fasc. 6: 30 Sep 1911, p. [i], [777]-956, [iii]-xxii.
Copies: BR, G, L, M, NY, Stevenson. – For part i (Fungi) see under C. B. Traverso: for part 2 (Algae) under A. Preda.

Jaubert, Hippolyte-François, Comte de (1798-1874), French politician and botanist, one of the founders of the Société botanique de France, pupil of Desfontaines, Mirbel, and of Laugier, member of the Chambre des députés and minister of public works 1831-1842. (*Jaub.*).

HERBARIUM and TYPES: Jaubert's original herbarium is in part at P (many duplicates at G). The types of the *Ill. pl. orient.* are presumably also at P; they are in part drawings in the "collection des vélins" of the *Muséum.*

Ref.: Germain de Saint-Pierre, Bull. Soc. bot. France 22: x-xxvii. 1875.
Steinberg, Webbia 32(1): 28. 1977 (FI material via herb. Desf.).

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 431, 12(2): 270; Barnhart 2: 247; BM 2: 928; Bossert p. 196; CSP 3: 539, 8: 18 ("Jaubert, A."), 12: 365; Hortus 3: 1196 ("Jaub."); IF 707; IH 2: 314; Jackson p. 191, 378, 422; Kew 3: 156; Lasègue p. 111, 572 [index]; MW p. 217; NI 985; Plesch p. 280; PR 4397-4399 (ed. 1: 4865); Rehder 5: 432; Saccardo 2: 59-60; SK 4: cxci; Sotheby 396; TL-2/208; Tucker 1: 370; Zander ed. 10, p. 675.
Anon., Bull. Soc. bot. France 15 (bibl.): 236. 1869 (Jaubert moved his collections from Paris to Berry); Rev. bryol. 2: 16. 1875.
Bureau, L. E., Bull. Soc. bot. France 21: 188, 351-352. 1874.
Germain de Saint-Pierre, E., Bull. Soc. bot. France 22: x-xxvii. 1875.
Jaubert, H. F., Note sur les travaux scientifiques de M. le Comte Jaubert. Paris 1857, 4 p. (bibl.); Bull. Soc. bot. France 18 (C.R.); 36. 1871; Une démission à l'institut [Paris 1872], 12 p., (on administrative quarrel at the Institut de France).
McPhail, I. et al., Catal. Redout. 69 (no. 52). 1963.
Trimen, H., J. Bot. 13: 32. 1875.

EPONYMY: *Jaubertia* Guillemin (1841): *Jaubertia* Spach ex Jaubert & Spach (1850).

3303. *Illustrationes plantarum orientalium* auctoribus Comite Jaubert et Eduardo Spach . . . Parisiis (apud Roret bibliopolam, . . .) 1842-1857, 5 vols. Qu. (*Ill. pl. orient.*).
Co-author: Édouard Spach (1801-1879).
Title on covers: "*Illustrationes . . . ou choix de plantes nouvelles ou peu connues de l'Asie occidentale.*"

1: 1842-1843 (t.p.), p. [i*, iii*], [i-vi], [1, expl. map] [1]-176, *pl. 1-100*, 4 maps.
2: 1844-1846 (t.p.), p. [i, iii], [1]-123, *pl. 101-200 (179* as "*169*", *180* as "*170*").
3: 1847-1850 (t.p.), p. [i, iii], [1]-[152], *pl. 201-300.*
4: 1850-1853 (t.p.), p. [i, iii], [1]-[147], *pl. 301-400 (316* as "*310*").
5: 1853-1857 (t.p.), p. [i-iii], [1]-116, *pl. 401-500* (*467* as "*468*", *468* as "*467*").
Copies: G, MICH, MO, NY, Teyler; IDC 814.

Published in fifty parts, the contents of which are incompletely known, as follows:

vol.	part	pages	*plates*	dates
1	1	i-vi, 1-24	*1-10*	Mar 1842
	2	25-48	*11-20*	Mai 1842
	3-4	49-72	*21-40*	Oct 1842
	5	73-96	*41-50*	Dec 1842
	6	97-112	*51-60*	Mar or Apr 1843
	7	113-128	*61-70*	Aug. 1843
	8	129-?144	*71-80*	Oct 1843
	9	?145-?160	*81-90*	Feb 1844
	10	?161-168	*91-100*	Mar 1844
2	11	1-?16	*101-109*	Jul 1844
	12	?17-?32	*110-120*	Nov 1844
			(pl. *114*, however, in 1845!)	
	13	?33-?40	*121-130*	Feb or Mar 1845
	14-16	?41-?80	*131-160*	Dec 1845
	17-18	?81-96	*161-180*	Jul 1846
	19-20	97-123	*181-200*	Feb 1847
3	21-23	1-?40	*201-230*	Sep 1847
	24-25	?41-?64	*231-250*	Jun or Jul 1848
	26	?65-?80	*251-260*	Nov 1848
	27	?81-?96	*261-270*	Nov 1848
	28	?97-?112	*271-280*	Nov 1848
	29	?113-?136	*281-290*	Apr 1850
	30	?137-152	*291-300*	Jun 1850
4	31	1-?16	*301-310*	Dec 1850
	32	?17-?32	*311-320*	Apr 1851
	33	?33-?48	*321-330*	Jun 1851
	34	?49-?64	*331-340*	Nov 1851
	35	?65-?80	*341-350*	Apr 1852
	36	?81-?96	*351-360*	Aug 1852
	37	?97-?112	*361-370*	Nov 1852
	38	?113-?120	*371-380*	Mar 1853
	39	?121-?136	*381-390*	Jun 1853
	40	?137-147	*391-400*	Oct 1853
5	41	1-?8	*401-410*	Dec 1853
	42	?9-?24	*411-420*	Mai 1854
	43	?25-?32	*421-430*	Jun 1854
	44	?33-?40	*431-440*	Nov 1854
	45	?41-?56	*441-450*	Mai 1855
	46	?57-?64	*451-460*	Jun 1855
	47	?65-?80	*461-470*	Oct 1855
	48	?81-?88	*471-480*	Jun 1856
	49	?89-?104	*481-490*	Aug 1856
	50	?105-116	*491-500*	Feb 1857

The 500 uncoloured plates are in part of drawings by Claude Aubriet, P. J. Redouté and N. Robert belonging to the famous Collection des Vélins of the Muséum d'Histoire naturelle at Paris. Many other artists were employed, see Nissen.

Facsimile ed.: Announced 1974, by Cramer.

Ref.: Stearn, W. T., J. Soc. Bibl. nat. hist. 1: 255-259. 1939.
Steenis-Kruseman, M. J. van, Fl. males. Bull. 15: 736. 1960.
MacPhail, I., Catal. Redout. 69 (no. 52). 1963.

3304. *La botanique à l'exposition universelle de 1855* . . . Paris (Imprimerie et librairie centrales de Napoléon Chaix et Cie., . . .) 1855. Oct. (*Bot. expos. univ.*).
Publ.: Sep 1855 (t.p., but presented to Soc. bot. Fr. 10 Aug 1855), p. [i]-vii, [1]-122, [1, cont.]. *Copies*: G, KNAW, MO.

Jaume Saint-Hilaire, Jean Henri (1772-1845), French botanist. (*Jaume St.-Hil.*).

HERBARIUM and TYPES: Unknown. – The original drawings for no. 3305 are at Paris (Muséum d'Histoire naturelle, mss. 1861).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 247; BL 2: 104, 672; BM 2: 928-929; CSP 3: 540; Hortus 3: 1196 ("Jaume St.-Hil."); Jackson p. 113, 274; Kew 3: 156; Langman p. 394; MW p. 217; NI 986-991; Plesch p. 280-282; PR 4400-4405 (ed. 1: 4867-4875); Sotheby 397-400, 848; TL-2/1293, 1409-1410, 1547; Tucker 1: 370.
Blunt, W., Art bot. ill. 180, 182. 1950.
MacPhail, I. et al., Catal. Redout. 52. 1963.
Nissen, Philobiblon 6(9): 337. 1933.
Persoon, C. H., Syn. pl. 1: 397. 1907.

COMPOSITE WORKS: Collaborator, *Dictionnaire des sciences naturelles*, ed. Cuvier, see Tl 2/1293.

EPONYMY: *Jaumea* Persoon (1807). *Note*: *Hilairanthus* Van Tieghem (1898) and *Hilairella* Van Tieghem (1904) are dedicated to Auguste François César Prouvençal de Saint-Hilaire (1779-1853), q.v.

3305. *Exposition des familles naturelles* et de la germination des plantes, par Jaume Saint-Hilaire; contenant la description de deux mille trois cent trente-sept genres, et d'environ quatre mille espèces, les plus utiles et les plus intéressantes. Cent dix-sept planches, dont les figures ont été dessinées par l'auteur, représentent [sic] les caractères des familles et les différens modes de germination des plantes monocotylédones et dicotylédones. Paris (chez Treuttel et Würtz, . . .), Strasbourg (même Maison de Commerce) an XIII. – 1805, 2 vols. Oct. and Qu. (*Expos. fam. nat.*).

1: Feb-Apr 1805, p. [i-iii], [1]-7, [i]-lxiii, [lxiv, avis], [1]-512, *pl. 1-70, A-E.*
2: Feb-Apr 1805, p. [i]-[iii], [1]-198, *pl. 71-103*, [part 2:] 119-473, [474, expl. pl.], *pl. 104-112.*
Copies: BR(qu., col. pl.), G(oct., uncol.), MO(oct., uncol.), NY(oct., uncol.), US(qu., col.); IDC 5979.

-The plates are coloured or uncoloured copper engr. of drawings by the author. The JGLE announcement of Feb 1805 announces the availability of coloured copies. These coloured copies (BR, US) are on large paper (qu.).
See Collins (Sotheby 848) for a bibliographic collation.
Ref.: RS p.90; Sotheby 848; SY p. 24.
Croizat, Amer. Midl. Nat. 30: 808-809. 1943.

3306. *Plantes de la France*, décrites et peintes d'aprés nature par M. Jaume Saint-Hilaire . . . Paris (Chez l'Auteur, . . . de l'imprimerie de P. Didot l'aîné) [1805-]1808-1822[-1824], 10 vols. Qu. and Oct. (*Pl. France*).

1: [1805-]1808, p. [i*], [i]-xxviii, *pl. 1-94* with text.
2: 1808 (t.p.), [i, t.p.], *pl. 95-207* with text.
3: 1809 (t.p.) [i, t.p.], *pl. 208-301*, with text.
4: 1809 (t.p.), [i, t.p.], *pl. 302-400*, p. [i]-vi index, [i-ii, subscr.], [1, err.].
5: 1819 (t.p.), front., [i, t.p.], *pl. 401-500*, [*472 a*], *494* as "*504*", with text. Frontispiece portrait of H.L. Duhamel du Monceau.
6: 1819 (t.p.), front., [i, t.p.], *pl. 501-600*, with text. Frontispiece portrait of R. L. Desfontaines.
7: 1820 (t.p.), front., [i, t.p.], *pl. 601-700*, with text. Frontispiece portrait of André Thouin. ". . . de l'imprimerie de Firmin Didot, père et fils."
8: 1821 (t.p.), front, [i, t.p.], *pl. 701-800*, with text. Frontispiece portrait of J. B. P. A. Monet de Lamarck. ". . . de l'imprimerie de Firmin Didot."
9: 1822 (t.p.), front., [i, t.p.], *pl. 801-900*, with text. Frontispiece portrait J. J. H. de Labillardière. ". . . de l'imprimerie de Didot le jeune."
10: 1822 (t.p.), front., [i, t.p.], *pl. 901-1000*, with text; [3, subscr.], [1]-15 index of plates. – Frontispiece of J. H. Jaume Saint-Hilaire. ". . . Didot le jeune."

Reissue vol. 1: 1822 (t.p.), p. [i*], [iii*], [v*]-x*, [i]-xxviii, *pl. 1-100* (or *1-94*), with text. – Frontispiece portrait of J. P. de Tournefort. "De lmerie de Didot le jeune."
Reissue vol. 2: 1822 (t.p.), front., [i, t.p.], *pl. 101-207* (or *95-207*), with text. – Frontispiece portrait of S. Vaillant. "... Didot le jeune."
Reissue vol. 3: 1822 (t.p.), front., [i, t.p.], *pl. 208-301*, with text. – Frontispiece portrait of J. Barrelier. "De l'imprimerie le Normant, ..."
Reissue vol. 4: 1822 (t.p.), front., [i, t.p.], *pl. 302-400*, with text. – Frontispiece portrait of M. Adanson. "... le Normant, ..."
Copies: MICH (qu.), MO(qu.), USDA (qu.); IDC 815.

Publication took place in parts, the contents of which are only incompletely known to us. the dates of the parts can be established, however, from the contemporary reviewing journals (JT, JGLF, BF, Mag. Enc.) and from the dates of receipt by the Académie. The announcement in the JT of 16 Jan 1807 states that publication was on a monthly schedule, that up to 1807 the parts contained 6, but from Jan 1807 onwards 8 plates, and that there was an octavo and a quarto issue; the earlier parts contained 12 pages of text each. The octavo issue was on "papier jésus" the quarto issue on laid paper "papier vélin". The 1000 plates are colour-printed stipple engravings (some "terminées au pinceau") of drawings by Jaume himself. Number of copies printed: 400. – Semipopular.
Ref.: DU 159; GF p. 61; Sotheby 397, 398.

3307. *Mémoire sur les indigofères du Bengale et de la Chine*, ou histoire et description de quelques végétaux peu connus et dont les feuilles donnent un très bel indigo. Par M. Jaume Saint-Hilaire. s.l.n.d. [Paris 1826]. Fol. (*Mém. indigof. Bengale*).
Publ.: 26 Jan 1826 (BF); limited to an edition of 100 copies; p. [5]-12. *pl. 1-5* (col.). *Copy*: G.

3208. *Mémoire sur la culture du poivrier noir*, précédé de quelques observations critiques sur l'administration du royaume, et orné de figures en noir et en couleur. Par M. Jaume Saint-Hilaire. s.l.n.d. [Paris (Firmin Didot) 1827]. Fol. (*Mém poivr. noir*).
Publ.: Jan 1827 (BF), p. [1]-7. [8, expl. pl.], *pl. 1-2* (col.). *Copy*: G.

3309. *Traité des arbrisseaux et des arbustes cultivés en France* et en pleine terre, par M. Jaume Saint-Hilaire; ouvrage précédé d'une instruction sur la culture des arbres et des arbrisseaux, par M. Thouin, ... Paris (chez l'auteur, ... de l'imprimerie de Firmin Didot, ...) 1825, 2 vols. Qu. (in twos). (*Traité arbr. cult. France*).
Instruction by: André Thouin (1747-1824).

1: 1825, p. [i], [1]-27 [dated 18 Aug 1824], *pl. 1-88*, with text.
2: 1825, p. [i], *pl. 89-176* with text.
Copies: MO, NY. – *Plates*: colour printed stipple engravings, retouched by hand, taken from *Plantes de la France* (see no. 3306). Issued in 22 livraisons of 8 plates with text from Sep 1825 onward, extending at least into 1826 (prospectus dated 24 Sep 1825).

3310. *Traité des arbres forestiers*, ou histoire et description des arbres indigènes ou naturalisés, dont la tige a de trente a cent vingt pieds d'élévation, et sert aux constructions civiles et navales; par M. Jaume Saint-Hilaire. Ouvrage précédé d'une instruction sur la culture des arbres, par M. Thouin, ... et orné de figures imprimées en couleur, et retouchées au pinceau. A Paris (Chez l'auteur, ... de l'imprimerie de Firmin Didot, ...) 1824. Qu. (*Traité arbr. forest.*).
Introduction: André Thouin (1747-1824).
Publ.: 1824 (p. 27: 18 Aug 1824), in 15 fascicles of 6 plates with text (precise dates not known), forntisp. portr. Duhamel du Monceau, p. [i*], [i]-iv, [1]-27, [copy of USDA has the following plates:] *pl. 4, 5, 7, 8, 11-21, 26-29, 32-33, 37, 42, 50, 52, 53, 56-63, 54-55, 72-81, 89, 1-3, 6, 9-10, 22-25, 30-31, 34-36, 38-41, 43, 46, 44, 45, 47-49, 64-69, 81-88, 90* (*pl. 1-90*, of which *51* and *70-71* missing). *Copy*: USDA. – Plates stipple engravings, colour-printed, retouched by hand.

3311. *La flore et la pomone françaises*, ou histoire et figures en couleur, des fleurs et des fruits de France ou naturalisés sur le sol français ... Paris (chez l'Auteur, ...) 1828-1830. Qu., Fol. (*Fl. pom. franç.*).

Publ.: 1828-1835, 6 vols (in parts), as follows:

1: 1828, p. [i*-vi*], [i]-viij, *pl. 1-100.*
2: 1829, p. [i-iii], *pl. 101-200.*
3: 1830, p. [i], *pl. 201-300.*
4: 1831, p. [i], *pl. 301-400.*
5: 1832, p. [i], *pl. 401-500.*
6: 1833[-1835], p. [i], *pl. 501-544* (Plesch copy: *501-552*).

Originally issued in 136 (138?) livraisons (of *4 pl.* with text) of which the contents are incompletely known. It was planned to publish 800 plates but in so far as we know the regular publication was terminated with plate *544*: however, plates *545-552* are present in the former Plesch copy; this number is also mentioned by Brunet. We have seen too few copies to establish the nature of these last two instalments. Livraison 1 appeared on 30 Aug 1828. There were three issues.
a. "jésus grand", on ordinary wove paper. *Copies*: MO, NY.
b. "vélin" in qu. *Copies*: incomplete at G and USDA.
c. "vélin" in fol., 12 copies issued. No copies seen.

3312. *Flore parisienne*, ou description des plantes qui croissent aux environs de Paris et dans les départements voisins, avec l'indication de leurs usages en agriculture, en médecine et dans les arts. Accompagnée de la figure d'une ou de plusieurs espèces de chaque genre, avec l'analyse des parties de la fleur, du fruit et de la graine, dessinées de grandeur naturelle et grossies; par M. J. H. Jaume Saint-Hilaire,... Paris (chez l'auteur,... chez Mme Huzard,... chez Hautecoeur-Martinet,... et Adde,...) 1835. Qu. (*Fl. paris.*).
Publ.: 1835, p. [1]-112, map, ill. *Copy*: NY (p. 105-112, and map lacking; see PR).

3313. *Les Dahlia*, ou histoire, description et culture des plus belles espèces ou variétés de Dahlia. Ouvrage orné de figures peintes d'après nature par Mlle Nanine Guillon. Première livraison. Paris (Didot) s.d.†(*Dahlia*).
Publ.: no copy seen; information taken from PR ((ed. 1) 4875) who saw the first livraison at Goettingen (*4* col. *pl.*). Apparently it was planned to issue 10 parts of 4 plates each.

Jávorka, Sandor A. (1883-1961), Hungarian botanist; Dr. phil. Univ. Budapest 1906; in various functions at the Botany Department of the Hungarian National Museum from 1905-1940; from 1945 active in the Hungarian Academy of Sciences. (*Jáv.*).

HERBARIUM and TYPES: BP (13.000); duplicates in A, B, BPU, C, E, F, GH, H, LE, MICH, TBI, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 12 (1): 251, 12(2): 389; Barnhart 2: 247; BFM 1485, 1488; Bossert p. 196; Hirsch p. 139; Hortus 3: 1196 ("Jáv."); IH 2: 314; Kew 3: 156-157; NAF ser. 2. 5: 244. 1965; Plesch p. 282; Roon p. 57; Zander ed. 10, p. 676.
Schuster & Schweitz, Generalregister Bot. Jahrb. 2(31-56): 85. 1938.
Simoncsics, Acta biol. Univ. Szeged. 16(1-2): 11-15. 1970.
Szujkó-Lacza, Bot. Közlem. 54(1): 1-5. 1967 (portr.), (n.v.).
Zólyomi, B., Ann. hist.-nat. Mus. nat. Hung. 54: 7-26. 1962 (portr., detailed bibl. of 211 nos.).

3314. Magyar nemzeti múzeum növénytára. *Magyar flóra* (flora hungarica) magyarország virágos és edényes virágtalan növényeinek maghatározó kézikönyve... Budapest (A "Studium" kiadása...) [1924]-1925. Oct. (*Magyar fl.*).
Intr.: 1925, p. [i]-cii; *part 1*: Mai 1924, p. [i]-400; *part 2*: Aug 1924, p. 401-800; *part 3*: Apr 1925, p. 801-1307. *Copies*: MO, U, USDA. – Often referred to as "der grosse Jávorka" (Zolyomi 1962).

3315. *A magyar flóra kis határozója* irta Dr. Jávorka Sándor. A rajzokat kézitette Csapody Vera... Budapest (A "Studium" Kiadása...) 1926. Oct.
Publ.: 1926 (p. ii: Jun 1926), p. [i]-xxxv, [1]-324, *pl. 1-46*, [1, capt. pl.]. *Copy*: USDA. Plates by Vera Csapody.

3316. Magyar-latin-német szakszóbár Jávorka S.: "Magyar flóra" C. munkájához. *Glossarium* operis de flora hungarica et iconographia florae hungarice auctore S. Jávorka. Fachwörterbuch... Budapest (A "Studium" Kiadósa...) 1932. Oct. (*Glossarium*).
Publ.: Jan-Apr 1932 (Nat. Nov. Mai 1932), p. [1]-50. *Copy*: MO.

3317. *A magyar flóra képekben* iconographia florae hungaricae... Budapest (Kir. magy. természettudományi társulut és "Studium"...) s.d. [1929-1934]. Qu. (*Magyar fl. képekben*).
Publ.: 1929-1934, in 19 fascicles (p. 8: Feb 1934), p. [1]-23, col. *pl. i-xl*, [1, expl. pl.], uncol. *pl. 1-576* (2/lf), *25 pl.* (by Vera Csapody) with 72 photogr. *Copies*: MO, U, USDA.

part	col. pl.	uncol. pl.	dates	part	col. pl.	uncol. pl.	dates
1	i-ii	1-32	1929	11	xxii	321-352	1932
2	iii-iv	33-64	1929	12	xxiii	353-384	1932
3	v-vii	65-96	1929	13	xxiv	385-416	1932
4	viii-ix	97-128	1930	14	xxv	417-448	1932
5	x-xi	129-160	1930	15	xxvi	449-480	1933
6	xii-xiii	161-192	1930	16	xxvii-xxviii	481-512	1933
7	xiv-xvi	193-224	1930	17	xxix	513-544	1933
8	xvii-xviii	225-256	1931	18	xxx	545-576	1933
9	xix-xx	257-288	1931	19	xxxi-xl		1934
10	xxi	289-320	1932				

Jeanbernat, Ernest-Marie-Jules (1835-1888), French physician, geologist and botanist; studied at Paris; dr. med. 1862; practicing physician at Toulouse 1862-1866; from 1866 on combining a business and a scientific career. (*Jeanb.*).

HERBARIUM and TYPES: TLM (50.000 bryoph.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 248; BL 2: 121, 125, 154, 194, 500, 672; CSP 8: 18, 10: 330, 12: 365-366, 16: 91; GR p. 283-284, cat. p. 65; Hortus 3: 1196 ("Jeanb."); IH 2: 315; Jackson p. 279, 280, 291; Kew 3: 158; Rehder 5: 432; Tucker 1: 370.
Anon., Bull. Soc. Sci. Toulouse 8: 13-20. 1889; Mém. Acad. Sci. Toulouse ser. 8. 10: 538-540. 1888, ser. 9. 1: 1-28. 1889.
Astre, Bull. Soc. Hist. nat. Toulouse 101: 177. 1966.
Baillet, M., Notice sur la vie et les travaux du Dr E. Jeanbernat s.l.n.d., 28 p.; Mem. Acad. Sci Toulouse ser. 9.1: 562-587. 1889.
Clos, D., Bull. Soc. bot. France 35: 178. 1888.
Diels F. L. E. & Mildbraed, G. W. J., Generalregister Bot. Jahrb. 1(1-30): 29. 1904.
Duméril, A. H. A., Ann. Bot. 2: 414-415. 1889.
Husnot, P. T., Rev. bryol. 1: 47, 63. 1874, 7: 31. 1880, 11: 31, 77. 1884, 12: 80. 1885, 13: 48, 79. 1886.
Lamie, Bull. Soc. Sci. phys. nat. Toulouse 8: 13-20. 1889.
Marçais, Rev. de Bot. 7: 341-350. 1889.
Renauld, F., Rev. bryol. 15: 47-48. 1888.

COMPOSITE WORKS: See Victor de Martrin-Donos, *Florule du Tarn*, deuxième partie végétaux cellulaires 1867; Jeanbernat co-author.

3318. *Flore bryologique des environs de Toulouse*... ouvrage accompagné de tableaux dichotomiques facilitant la détermination des espèces. Toulouse (Imprimerie Douladoure) 1879. Oct. (*Fl. bryol. Toulouse*).
Publ.: 1879, p. [3]-140. *Copies*: G. – Reprinted from Bull. Soc. phys. nat. Toulouse 4 (1879). – Nat. Nov. Mar 1880 and Bot. Zeit. 16 Apr 1880, cite a *Flore cryptogamique des environs de Toulouse*, possibly referring to the present work.

3319. *Le massif du Laurenti* Pyrénées françaises géographie, géologie, botanique... Paris (Asselin, Libraire-éditeur...) 1879. (*Massif Laurenti*).
Co-author: Pierre Marguerite Édouard Timbal-Lagrave (1819-1888).
Publ.: Jan-Jun 1879 (pref. 20 Dec 1878; Nat. Nov. Aug(2) 1879), p. [1]-434, *pl. 1-2*, map.

Copy: NY. – Reprinted from Mém. [Bull.] Soc. Sci. phys. nat. Toulouse 3: 196-624, *2 pl.* 1875-1876, publ. 1879.

3320. *Guide du bryologue dans la chaine des Pyrénées* et le sud-ouest de la France par le Dr. Jeanbernat et F. Renauld ... Auch (Imprimerie et lithographie G. Foix, ...) 1884-1885, 2 [3] parts. Oct. (*Guide bryol. Pyrénées*).
Co-author: Ferdinand Renauld (1837-1910).

Part 1, Bassin Sous-Pyrénéen, 1884 (Nat. Nov. Nov 1884; Bot. Zeit. 26 Dec 1884), cover, p. [1]-40. Reprinted from Revue de botanique 2: 258-271, 293-305, 1883/1884, publ. 1884.
Part 2, Pyrénées-Exploration, 1885 (Nat. Nov. Sep 1885; Rev. bryol. Sep 1885), cover, p. [41]-74. – Reprinted from id. 3: 12-26, 305-338, 1884/5, publ. 1885; see also 5: 186-200. 1886/87.
Part [3], Bryo-Géographie des Pyrénées ... Cherbourg (Imprimerie Ch. Syffert, ...), 1885, publ. 1886 (Nat. Nov. Sep 1886; Bot. Zeit. 24 Sep 1886; Rev. bryol. Mai 1886), cover, p. [1]-194. – Reprinted from Mémoires Société de la nationale des Sciences naturelles et mathématiques de Cherbourg 25: 5-194. 1885.
Copies: G, NY.

Jeanpert, Henri Édouard (1861-1921), French botanist; originally in private business; from 1907 connected with the Muséum d'histoire naturelle, Paris, in charge of the Cosson herbarium. (*Jeanp.*).

HERBARIUM and TYPES: P, PC; further material: E,F, G.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 641 (*b.* 9 Mai 1861); Barnhart 2: 248; BL 2: 189, see also 161, 166, 201; CSP 16: 91-92; IF suppl. 1: 82, 3: 212; IH 2: 315; Kew 3: 158: Rehder 5: 432; Tucker 1: 370.
Lecomte, Bull. Mus. Hist. nat. 27: 481-482. 1921.
Merrill, Contr. U.S. natl. Herb. 30(1): 167. 1947.

3321. Vade-mecum du naturaliste – 1. *Vade-mecum du botaniste* dans la région Parisienne. Tableaux synoptiques des familles, genres, espèces et variétés et 1634 figures de toutes les espèces de plantes croissant dans la région Parisienne par H. E. Jeanpert ... préface de M. H. Lecomte ... Paris (Librairie des Sciences naturelles Paul Klincksieck Léon L'Homme, succr ...) 1911. (*Vadem. bot.*).

Ed. 1: Apr 1911 (p. vi: 10 Apr 1911; Nat. Nov. Apr(2). 1911), p. [i*], [i]-xii, [1]-242, [i], 1-231. *Copies*: HH. NY.
Ed. 2: 1953, p. [i*], [i]-xii, [1]-242, 1-231. – Rev. et corr. par G. Viennot-Bourgin. – Almost unchanged; index of vascular names replaces list of localities.

Jeffrey, Edward Charles (1866-1952), Canadian botanist; Ph. D. Harvard 1898; at Toronto (1898-1902); from 1902 plant morphologist at Harvard; professor of plant morphology 1907-1933. (*E. Jeffr.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 281; Barnhart 2: 248; BM 2: 929; Bossert p. 196; CSP 16: 93; DSB 7: 90-91; Kew 3: 160; Lenley p. 241; Tucker 1: 370.
Ewan, J. et al, Short hist. bot. U.S. 15, 49, 51, 52, 106. 1969.
Hirsch, G. C., Index biol. p. 140. 1928.
Jeffrey, E. C., The anatomy of woody plants, Chicago. Oct. 1917, x, 478 p.
Wetmore and Barghoorn, Phytomorphology 3(1, 2): 127-132. 1953 (portr., bibl. of 115 nos.).

EPONYMY: *Jeffreya* H. Wild (1974) is dedicated to the present-day botanist C. Jeffrey, at Kew.

3322. *The comparative anatomy and phylogeny of the Coniferales*. Boston (published for the Boston Society of Natural History) 1903-1905, 2 parts. Oct. (*Compar. anat. Conif.*).

1: Nov 1903, p. [1, reprint cover], [441]-459, *pl. 68-71*. *Copy*: US. – Reprinted from Memoirs of the Boston Society of natural History vol. 5(10).
2: Jan 1905, p. [i, cover], [1]-37, *pl. 1-7*. *Copy*: US. – Id. vol. 6(1).

Jeffrey, John (1826-1854), Scottish botanical explorer of the American Northwest on the "Oregon Expedition" 1850-1854; disappeared while exploring the Colorado river basin. (*J. Jeffr.*).

HERBARIUM and TYPES: Material from the Oregon expedition is at CGE, E (best set) and K.
Ref.: Hooker, W. J., J. Bot. Kew Gard. Misc. 5: 315-317. [Oct], 395, 415 [Dec]. 1853.
Hedge, I. C. and J. M. Lamond, Ind. coll. Edinburgh 95. 1970.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 210; Backer p. 293; Barnhart 2: 248; BB p. 165; BM 2: 929; Desmond p. 342-343; IH 2: 315; Hortus 3: 1196 ("J. Jeffr."); ME 3: 733; PR 4411; Rehder 5: 432; Tucker 1: 370.
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Brewer, W. H., in Sereno Watson, Bot. Calif. 2: 557. 1880.
Coats, A. M., Quest for plants 319-320. 1969.
Coville, F. V., Proc. Biol. Soc. Washington 11: 57-60. 1897 (itin.).
Cox, J. Roy. Hort. Soc. 80: 521-522. 1955.
Dallimore, W., Forestry 6: 508. 1932.
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Eastwood, A., Calif. hist. Soc. Quart. 18(4): 343. 1939.
Ewan, J., Rocky Mountain naturalists 238-239. 1950; in Cent. Progr. nat. Sci. 52. 1955.
James, The trees of Bicton 109-110. 1969.
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Mc'Nab, Gard. Chron. 1872: 464-465, 573-574.
Lange, Oregon hist. Quart. 68(2): 111-124. 1967 (J. and the Oregon Exped.; contains extracts of correspondence and subscription/subscribers pamphlets).
Murray, A., Botanical expedition to Oregon, [Edinburgh Sep. 1853], [i], 1-2 p., *5 pl.*, (copy at NY) (list of plants sent by Jeffrey) [For a full list of the circulars issued by the "Oregon Botanical Association" see Lange (1967)]; Trans. bot. Soc. Edinburgh 6: 350-351. 1860 (note by "Oregon Committee" on "Pinus Jeffreyi Oreg. Com."). See under Murray for further details.
Piper, C. V., Contr. U.S. natl. Herb. 11: 17. 1906.
Ravenscroft, E., Pinetum britannicum 45-46. 1843.

Jeffs, Royal Edgar (1879-1933), American botanist; M.S.A. Iowa State College 1910; Ph. D. State University Iowa 1923; professor of biology at Iowa Wesleyan College 1910-1912; at Friends University 1913-1914; instructor (1916-1921) and professor of botany (1923-1932) at the University of Oklahoma. (*Jeffs*).

HERBARIUM and TYPES: Material at IA, ISC, MICH, OKL and OKLA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 249; BL 1: 208, 303; Hortus 3: 1196 ("Jeffs"); IH 2: 315; NAF ser. 2. 5: 244.
Anon., Nature 131: 646. 1933; Science 77: 344. 1933.
Yarbrough, J. A., Proc. Iowa Acad. Sci. 40: 35-36. 1933.

3323. A preliminary list of the ferns and seed plants of Oklahoma. *Publ. Univ. Okla. Biol. Survey* 2(2): 39-101. 1930.
Co-author: Elbert L. Little, Jr. (1907-x).
Publ.: 28 Jun 1930, p. [i-vi], [33]-101. *Copies*: MICH, MO, NY.
Ref.: Jeffs, Key to the ferns and seed plants of Oklahoma, Norman, Oklahoma 1931, 147 p.
Little and Olmsted, Proc. Oklahoma Acad. Sci. 15: 44-49. 1935 (additions).

Jekyll, Gertrude (1843-1932), British gardener. (*Jekyll*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 249; BM 2: 930; Bossert p. 196; Desmond p. 343; Henrey 2: 516; Kew 3: 161; MW p. 217; Plesch p. 282; Rehder 3: 124.
Anon., J. Bot. 71: 24. 1933 (see also Gard. Chron. 17 Dec. 1932); Garden, London 100(7): 310-312. 1974 (portr.).
Coats, A., Huntia 2: 201-202. 1965 (portr.).
Hadfield, M., Pioneers in gardening 222-227. 1951.
Jekyll, F., Gertrude Jekyll, a memoir, London 1934, 248 p. (portr.) (see J. Bot. 73: 61. 1935).
Nelmes & Cuthbertson, Curtis's Bot. Magaz. dedic. 1827-1927, p. 392-394. 1932 (portr.).
Stearn, W. T., J. R. Hort. Soc. 91: 488-490. 1966 (rev. of B. Mussingham, Miss Jekyll, portrait of a great gardener).

Jelinek, Anton (Antonín) (*fl.* 1857-1859), Austrian naturalist on the Novara expedition. (*Jelin.*).

HERBARIUM and TYPES: W (Novara coll.), dupl.: B, G, LE, PR.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 930; CSP 16: 94; IH 2: 315; LS suppl. 13009-13013; Maiwald p. 204; Rehder 5: 432; SK 1: 261-262; Urban-Berl. p. 261, 265, 277, 288, 303, 360.
Anon., Österr. bot. Z. 10: 83. 1860.

Jelliffe, Smith Ely (1866-1945), American botanist at New York; Ph. D. Columbia University 1899, professor of pharmacognosy at the College of Pharmacy, City of New York (1894). (*Jell.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 249; BL 1: 202, 303; CSP 16: 95; GR p. 224; Kew 3: 161; Lenley p. 241-242; LS 13135; NAF ser. 2. 6: 66-67; Rehder 5: 432; Tucker 1: 371.
De Toni, G. B., Syll. alg. 4: xxxi. 1897.
Nordstedt, C. F. O., Index Desmid. bibl. 19. 1896, suppl. 9. 1908.
Rickett, H. W., Index Bull. Torrey bot. Club 51-52. 1955.

3324. *The flora of Long Island*... Lancaster, Pa. (The New Era Printing Company) 1899. Oct. (*Fl. Long Island*).

Trade issue: 1899 (TBC 24 Jan 1900), p. [i]-xvi, [1]-160. *Copies*: NY, USDA.
Thesis issue: 1899, p. [i]-xvi, 1-163. *Copy*: NY. – "*The flora of Long Island* by Smith Ely Jelliffe. Submitted in partial fulfillment of the requirements for the degree of doctor of philosophy in the faculty of pure science, Columbia University. Privately printed. 1899. – p. 161-163 contains biogr. details and a list of publications.
Additions: Grout, Torreya 2: 49-53. 1902; Jelliffe, Torreya 4: 97-100. 1904.
Ref.: Coulter, J. M., Bot. Gaz. 30: 26 Dec 1900.

Jenkins, Anna Eliza (1886-1973), American phytopathologist and mycologist; Ph. D. Cornell 1927; from 1912 with the Bureau of Plant Industry. (*Jenk.*).

HERBARIUM and TYPES: BPI. *Exsiccatae*: *Myriangiales selecti exsiccati*, fasc. 1-11, nos. 1-550, 1940-1964, sets at BPI, CUP, DAOM, FH, HCIO, IARI, IMI, LPS, MICH, NY, PC, PRE, US, WIS (with Agesilau Antonia Bitancourt, 1899-x).
Ref.: Stevenson, J., Taxon 4: 183. 1955, Beih. Nova Hedw. 36: 206-216. 1971.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 196; IH 2: 316; Kew 3: 162; Lenley p. 242; LS suppl. 13014-13023; MW p. 217, suppl. p. 145; Stevenson p. 1246.
Rogers, D. P., Brief hist. mycol. N. Amer. 32. 1977.

EPONYMY: *Annajenkinsia* M. J. Thirumalachar & M. J. Narasimhan (1955). *Note*: *Jenkinsella* E. M. Reid & M. E. J. Chandler (1933) is dedicated to the palaeobotanist D. J. Jenkins; *Jenkinsia* W. J. Hooker (1841) and *Jenkinsia* Griffith (1844) are dedicated to Francis Jenkins (1793-1866), English soldier in India, Governor of Assam and collector of plants in that area.

Jenkinson, James (1739?-1808), British botanist of Yealand, Lancs.; breeder of *Pelargonium*. (*Jenkins.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 7: 111; Barnhart 2: 250; BB p. 165; BM 2: 931; Desmond p. 344; Dryander 3: 131; Henry 2: 114, 654, 655, 724, 3: 64; Jackson p. 232; Kew 3: 163; PR 4414 (ed. 1: 4882); Rehder 1: 395, 5: 433; SO 10, 319, 511; Tucker 1: 371.
Petty, The Naturalist 1902 (541): 34 (d. 15 Oct 1808 "having nearly completed his 70th year", inscription tombstone).

EPONYMY: *Jenkinsonia* Sweet (1821) is dedicated to the horticulturist Robert H. Jenkinson.

3325. *A generic and specific description of British plants*, translated from the Genera and Species plantarum of the celebrated Linnaeus. To which is prefixed an etymological dictionary explaining the classes, orders and principal genera. And a glossary is added to explain the technical terms. With notes and observations, by James Jenkinson. Kendal (printed and sold by T. Caslon, and Hawes, Clark, and Collins, ... in London; J. Ashburner, in Kendal; and A. Ashburner, in Lancaster) 1775. Oct. (in fours). (*Gen. sp. descr. Brit. pl.*).
Publ.: 1775 (p. x: 10 Apr 1775), p. [i]-xxviii, [1]-258, [1-9, ind.], *pl. 1-5* with text (uncol. copp.). *Copies*: G, HH, MO, NY (2), US, USDA.

Jenman, George Samuel (1845-1902), British gardener and botanist, superintendent of Castleton Gardens, Jamaica (1873-1879), superintendent of the botanic gardens and government botanist at Georgetown, British Guiana (1879-1902). (*Jenm.*).

HERBARIUM and TYPES: NY (4000; fern herbarium); other large set, incl. phanerogams at K. Duplicates in many herbaria.
Ref.: Anon., Torreya 2: 190. 1902 (herb. acquired by NY).
Britton, J. New York Bot. Gard. 4: 85-86. 1903 (id.).
Martyn, E. B., Index of the phanerogamae ... in the Jenman Herbarium, Department of Agriculture, British Guiana, 1937. (typescript at K and U).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 250; BB p. 166; BM 2: 931; Clokie p. 190; CSP 10: 335, 12: 367, 16: 79; Desmond p. 344; IF p. 707-708, suppl. 1: 82, 4: 326; IH 2: 316-317; Jackson p. 509; Kew 3: 163; Lenley p. 242; Rehder 5: 433; Zander ed. 10, p. 676.
Anon., Bot. Not. 1903: 34; Bull. misc. Inf. Kew 1903: 29; Proc. Linn. Soc. London 114: 37. 1902; Torreya 2: 80. 14 Mai 1902.
Britten, J. Bot. 40: 208, 237. 1902.
Fawcett, Bull. bot. Dept. Jamaica 9(4): 59-60. 1902 (partly reprint of obituary in the Argosy, Demerara 1 Mar 1902).
Hart, J. H., Gard. Chron. 1902: 234; Preface to Jenman, The ferns and fern-allies of the British West Indies 1909 (portr.).
Urban, I., Symb. ant. 1: 80-82. 1898, 2: 3. 1900, 3: 5, 67. 1902.

EPONYNY: *Jenmania* Wächter (1897); *Jenmania* Rolfe (1898); *Jenmaniella* Engler (1927); *Jenmaniomyces* Ciferri & Tomaselli (1953).

3326. *The ferns and fern-allies of Jamaica*. From Bulletin, Botanical Department. Jamaica 1890-1898, s.d. [1902 or later].
Publ.: A series of publications in the *Bulletin of the Botanical Department, Jamaica*, brought together in a paste-up, with special title page. *Copy*: US. – To be cited from journal.

part	Bull. no.	pages	dates	part	Bull. no.	pages	dates
1	18	4-7	Aug 1890	6	25	2-5	Nov 1891
2	20	5-9	Dec 1890	7	26	2-4	Dec 1891
3	21	14-15	Jan 1891	8	29	5-7	Mar 1892
4	22	11	Jul 1891	9	31	7-8	Jun 1892
5	23	5-8	Sep 1891	10	33	6-8	Jul 1892

part	Bull. no.	pages	dates	part	Bull. no.	pages	dates
11	34	7-8	Aug 1892	18	43	6-8	Mai 1893
12	35	6-8	Sep 1892	19	44	5-6	Jun 1893
13	36	10-11	Oct 1892	20	45	7-8	Jul 1893
14	38	5-7	Dec 1892	21	46	7-8	Aug 1893
15	40	9-12	Feb 1893	22	47	6-7	Sep 1893
16	41	5-7	Mar 1893	23	48	[1]	Oct 1893
17	42	6-8	Apr 1893	24	49	6-7	Nov 1893

3327. *The ferns and fern-allies of the British West Indies and Guiana* [Trinidad, West Indies, 1898-1909]. (*Ferns Brit. W. Ind.*).
Pref.: [i]-ix, publ. with part 2, Jul 1898 (p. [iii] = portr. author); index [iii]-viii. *Copies*: G, U (incomp.), US, USDA.
Editor parts 8-20: John Hinchley Hart (1847-1911).

1: Jan 1898, p. [3]-32, reprinted from Bull. misc. Inf. Royal bot. Gard. Trinidad 3(5).
2: Jul 1898, p. 33-60, ib. 3(7).
3: Jan 1899, p. 61-79, ib. 3(10) app.
4: Apr 1899, p. 81-94, ib. 3(11) app.
5: Oct 1899, p. 95-113, ib. 3(13) app.
6: Apr 1900, p. 115-133, ib. no. 23, app.
7: Jan 1900, p. 135-140, ib. no. 49, app.
8: Apr 1906(?), p. 141-145, ib. no. 50.
9: probably 1907, p. 147-174, issued independently.
10: probably 1907, p. 175-190, idem.
11: probably 1907, p. 191-204, idem.
12: Feb 1908 (sign.), p. 205-222, idem.
13 Feb 1908 (sign.), p. 223-244, idem.
14: Apr 1908 (sign.), p. 245-264, idem.
15: Mai 1908 (sign.), p. 265-280, idem.
16: Aug 1908 (sign.), p. 281-303, idem.
17: Sep 1908 (sign.), p. 305-328, idem.
18: Feb 1909 (sign.), p. 329-352, idem.
19: Jun 1909 (sign.), p. 353-376, idem.
20: Oct 1909 (sign.), 377-407, idem.

Jenner, Edward (1803-1872), British algologist. (*Jenner*).

HERBARIUM and TYPES: BM (6000 algae). Further material at OXF. Letters in Broome corr. at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 250; BB p. 166; BL 2: 248, 672; BM 2: 931; Bossert p. 196; Clokie p. 190; CSP 3: 544-545, 10: 335, 16: 97; Dawson p. 474-475, 940 [index]; Desmond p. 344; DNB 29: 324; Dryander 2: 128, 572; Frank 3(Anh.): 48; Henrey 2: 32, 724; IH 2: 317; Jackson p. 261; Kew 3: 163-164; Lenley p. 242; PR 4415; Tucker 1: 371.
Nordstedt, C. F. O., Index Desmid. bibl. 19. 1896.
Wolley-Dod, A. M., Fl. Sussex xliii. 1970.

3328. *A flora of Tunbridge Wells*, being a list of indigenous plants within a radius of fifteen miles around that place,... Tunbridge Wells (printed and published by J. Colbran), London (D. Bouge,... and Harvey and Darton,...) s.d. [1845]. Oct. (in fours). (*Fl. Tunbridge Wells*).
Publ.: 1845, frontisp., p. [i]-xx, [1-2, err.], [1, h.t.], [1]-260, [1-2, list subscr.]. *Copy*: MO. – This 260 p. issue is partly printed on one side.
Other issue: 1845, p. [i]-xx, [1-2, err.], [1, h.t.], [1]-134. *Copy*: HH.

Jennings, Alfred Vaughan (1864-1903), British botanist and geologist; demonstrator in botany at Dublin; collected in New Zealand. (*A. Jenn.*).

HERBARIUM and TYPES: K (plants from New Zealand); GR states that his herbarium is at DBN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 250; BB p. 166; CSP 16: 98; Desmond p. 344; GR p. 402; IH 2: 317; Kew 3: 164.
Cole [G. A. J. C.], Quart. J. Geol. Soc. London 59: lv-lvi. 1903; Proc. Linn. Soc. London 115: 31-32. 1903.
De Toni, G. B., Syll. alg. 4: xxxi. 1897.
K. M. H., New Phytologist 2(3): 65-66. 1903.

EPONYMY: *Jenningsia* Schaeffer (1918) is dedicated to Herbert Spencer Jennings (1868-1947), American zoologist at Johns Hopkins Univ., Baltimore.

3329. *Notes on the structure of Tmesipteris*... Dublin (printed at the University Press by Ponsonby and Weldrick, ...) 1891. Oct. (*Notes Tmesipteris*).
Co-author: Kate Marion Hall (1861-1918).
Publ.: 1891 (read 27 Apr 1891; Nat. Nov. Jan(2). 1892), p. [1]-18, *pl. 1-5*. *Copy*: MO. – Reprinted (50 copies only) from Proc. R. Irish Acad. ser. 3. 2(1), 1891 (journal publ. n.v.).

Jennings, Otto Emery (1877-1964), American botanist; B.S. Agric. Ohio State Univ. 1903; Dr. phil. Univ. Pittsburgh 1911; Dr. h.c. Sci. id. 1930; from 1904-1964 at the Carnegie Museum Pittsburgh, also at the University of Pittsburgh in various functions 1911-1946; edrtor of the Bryologist 1913-1938; to his friends "O. E." (Jenn.).

HERBARIUM and TYPES: CM (70.000). Duplicates BM, BUT, EVMU, MO, NY, OS, PENN, US, WTU, WVA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 250; BL 1: 207, 211, 212, 226, 303; Bossert p. 196; Hortus 3: 1196 ("Jennings"); Hirsch p. 140; HU 1: 489; IH 2: 317; Kew 3: 164; Langman p. 394; Lenley p. 242; LS 34904-34905; MW p. 218; NAF ser. 2. 3: 37, 5: 244; SBC p. 123 ("Jenn."); Tucker 1: 371.
Anon., Rev. bryol. 38: 96. 1911; 47: 76, 77, 78. 1920; Rev. bryol. lichénol. 9: 165. 1936; 33: 621. 1965.
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Murrill, W. A., Hist. found. bot. Florida 21. 1945.
Netting, Bryologist 68(3): 353-359. 1965 (portr.).
Pearth, Ann. Carnegie Mus. 44(6): 59-69. 1973 (detailed bibl.).
Phillips, V. T. and M. E., Guide Mss. Coll. Acad. Phila. P. 482 [ind.]. 1963.
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Stafleu, F. A., Taxon 13: 69. 1964.
Steere, W. C., Bot. Rev. 43: 325-327. 1977.
Waller, Ohio J. Sci. 64: 303-304. 1964.

MEMORIAL PUBLICATION: Trillia no. 12, 1946-1963.

EPONYMY: The "Jennings Blazing Star Prairie" in Butler County, Pa., was named in honor of Jennings in recognition of his conservation activities.

3330. *A manual of the mosses of Western Pennsylvania*... with fifty-four full-page plates from drawings by the author... Pittsburgh, Pennsylvania (published by the author) 1913 [press of the City Mission Publishing Company]. Oct. (*Man. mosses W. Pennsylvania*).

Ed. 1: 15 Jun 1913, p. [i]-v, [1]-429, *pl. 1-54* (in pagination). *Copies*: G, MICH, MO, USDA.
Ed. 2: Sep 1951, p. [i-xii], 1-323. frontisp. map [1, expl. pl.], *pl. 1-72* (uncol.). *Copies*: NY, US.

3331. *A contribution to the botany of the Isle of Pines*, Cuba, based upon the specimens of plants

from that island contained in the herbarium of the Carnegie Museum under date of October 1916. [Pittsburgh, Pa.], 1971. Oct. (*Contr. bot. Isle of Pines*).
Publ.: 31 Mar 1917 (date on cover, reprint; journal publ. 28 Mar 1917), reprinted with a special cover from Annals of the Carnegie Museum 11(1,2): 19-29, *pl. 5-28*, 1917 (journal publ. rd. at Washington D.C. 30 Mar 1917). *Copies* of both reprint and journal publ.: US.

3332. *Check list of mosses of Western Pennsylvania* included in Manual of mosses of Western Pennsylvania by Otto E. Jennings, . . . Pittsburgh, Pa. 1935. (*Check list mosses W. Pennsylvania*).
Publ.: 1935, p. [1]-16, index on p. 3 of cover. *Copy*: Steere. – Prepared and printed by C. M. Boardman and Sidney Kingman Eastwood (1890-x), fide letter Eastwood 21 Apr 1947 in Steere copy.

Jensen, Christian Erasmus Otterstrøm (1859-1941), Danish bryologist. (*C. Jens.*).

HERBARIUM and TYPES: C. – Other material at B, E, GB, H, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 250; BL 2: 52, 53, 672; Bossert p. 197; Hirsch p. 140; IH 2: 317; Kew 3: 164; Kleppa p. 235; KR p. 318; Moebius p. 123, 336; MW p. 218; NAF ser. 2. 3: 37; Rehder 5: 433; SBC p. 123 ("C. Jens."); Tl-2/179.
Anon., Bot. Not. 1902: 159; Generalregister Bot. Not. 1839-1938: 36, 101. 1939; Rev. bryol. 10: 73. 1883, 13: 109. 1886, 17: 61. 1890, 23: 64. 1896, 25: 16, 101. 1898, 28: 23, 80. 1901, 30: 57. 1903, 34: 38, 39, 102. 1907, 37: 90. 1910, 38: 23. 1911, 41: 106, 107. 1914, 47: 29. 1920, 50: 30. 1923.
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COMPOSITE WORKS: (1) Warming, E. et al., *Botany of the Faeröes* based upon Danish investigation, *Bryophyta*, . . . in vol. 1, p. 120-197, publ. 15 Feb 1901.

3333. *Mosser fra Novaia-Zemlia*, samlede paa Dijmphna-Expeditionen 1882-83 af Th. Holm, bestemte af C. Jensen . . . Kjøbenhavn (Bianco Lunos Kgl. Hof-Bogtrykkeri (F. Dreyer)) 1885. Oct. (*Mosser Novaia-Zemlia*).
Publ.: 1885 (t.p.), p. [1]-10. *Copies*: MO, Steere. – Preprinted from Christian F. Lütken, Dijmphna-Togtets zoologisk-botaniske Udbytte, Kjøbenhavn 1887, p. 63-70.

3334. *Die Moose des Sarekgebietes* . . .Stockholm (C. E. Fritzes Bokförlags.Aktiebolag), Berlin (R. Friedländer & Sohn, . . .) 1907-1910. Oct. (*Moose Sarekgeb.*).
Co-author: Hampus Wilhelm Arnell (1848-1932).

Part 1: Jul-Sep 1907 (p. 132: printed 10 Jun 1907; Rev. bryol. Oct 1907), Naturwiss. Unters. Sarekgeb. Schwedisch-Lappland [ed. A. Hamberg] 3 [Botanik] (2): 71-132. – Original sheets re-issued 1920 with a "second edition of the cover".
Parts 2/3: Nov-Dec 1910 (p. 268: 10 Oct 1910; Rev. bryol. Jan 1911), ib. 3(3): 133-168.
Copy: FH.

3335. *Musci Asiae borealis* Beschreibung der von den schwedischen Expeditionen nach Sibirien in den Jahren 1875 und 1876 gesammelten Moose mit Berücksichtigung aller früheren bryologischen Angaben für das russische Nord-Asien. Dritter Teil Torfmoose von C. Jensen . . . Uppsala & Stockholm (Almqvist & Wiksells Boktryckeri A. B.) [1909]. Qu. (*Musci As. bor.*).
Publ.: Aug 1909 (Communicated 21 Apr 1909; p. 18: printed 5 Jul 1909; Nat. Nov. Sep (2) 1909), p. [1]-18. *Copy*: Steere. – K. Sv. Vet.-Akad. Handl. 44(5).

3336. *Danmarks mosser* eller beskrivelse af de i Danmark med Faeroerne fundne bryofyter. København, Kristiania (Gyldendalske Boghandel, Nordisk Forlag) 1915. Oct. (*Danmarks mosser*).

Vol. 1: 1915 (p. vi: Jan 1915; J. Bot. Sep 1915; Nat. Nov. Jul 1915); p. [i]-[vii], [1]-317. *Copy*: G. – "Hepaticales, Anthocerotales og Sphagnales..."
Vol. 2: 1923 (p. iv: Apr 1923; J. Bot. Dec 1923), p. [i]-xix, 1-569, *pl. 1-29*. *Copy*: G. – "Andreaeales og Bryales..."
Ref.: Arnell, Sv. bot. Tidskr. 17: 531. 29 Dec 1923.

3337. *Skandinaviens Bladmossflora*. København (Ejnar Munksgaard) 1939. Oct. (*Skand. Bladmossfl.*).
Publ.: 1939, p. [i-v], [1]-535. *Copies*: G, MICH, U.
Ref.: Weimarck, Bot. Not. 1940: 418-422. 16 Dec 1940.

Jensen, Thomas (1824-1877), Danish bryologist and high school teacher at Ranum (*T. Jens.*).

HERBARIUM and TYPES: C. – Other material at B, CGE, GB, H, KIEL.

BIBLIOGRAPHY and BIOGRAPHY: BB p. 2: 251; BM 2: 931; Bossert p. 197; CSP 3: 545, 8: 24; IH 2: 318; Jackson p. 333; Kew 3: 164; NAF ser. 2. 3: 37; PR 4416.
Anon., Bot. Not. 1878: 44.
Christensen, C., Danske Bot. Hist. 1: 453-455, 2: 318-319. 1926.
Warming, Bot. Tidsskr. 12: 199. 1881.

EPONYMY: *Jensenia* S. O. Lindberg (1867). *Note*: *Jensenobotrya* Herre (1951) is dedicated to Emil Jensen; *Jensensisperum* M. E. J. Chandler (1966) is dedicated to James A. Jensen, American geologist.

3338. *Bryologia danica* eller de danske baldmosser, beskrevne af Thomas Jensen,... Kjøbenhavn (C. G. Iversens Boghandel. Thieles Bogtrykkeri) 1856. Oct. (*Bryol. danic.*).
Publ.: 1856, p. [i]-iv, [1]-214, [1-2, err.], *pl. 1-9* (uncol. liths. auct.). *Copies*: FH, L, NY, Steere, USDA; IDC 5316.
Additamenta: Bot. Tidsskr. 1: 230-235. 1866, 2: 266-289. 1868.
Ref.: Schlechtendal, Bot. Zeit. 15: 62-63. 1857.
K., Bot. Zeit. 15: 869-870. 11 Dec 1857.

Jepson, Willis Linn (1867-1946), Californian botanist, in various functions at the Dept. of Botany, Univ. of Calif. (Berkeley) 1887-1947, founder of the California botanical Society (1913), founder and editor of Madroño (1916-1934). (*Jeps.*).

HERBARIUM and TYPES: JEPS. – Further material at B, BUF, H, MSC, MO, NY, PENN, UC, US, WELC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 252; BL 1: 165, 168, 303; BM 2: 932; Bossert p. 197; CSP 16: 103; DSB 7: 102-103; Hirsch p. 140; Hortus 3: 1196 ("Jeps."); IH 2: 318; Kew 3: 165-166; Langman p. 394; NAF 28B(2); 339, ser. 2. 2: 162, 5: 244; NW p. 49; Rehder 5: 433; Tucker 1: 371; Zander ed. 10, p. 676.
Anon., Science 78: 597-598. 1933.
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COMPOSITE WORKS: (1) Edited an undetermined number of issues of *Erythea*.
(2) Edited *Nemophila*, Berkeley, Calif., 1-14, 1919-1927.

EPONYMY: *Jepsonia* J. K. Small (1896).

3339. *A flora of western middle California* . . . Berkeley, California (Encina Publishing Company) 1901. Oct. (in fours). (*Fl. w. Calif.*).

Ed. 1: 16 Apr 1901, p. [i]-iv, 1-625. *Copies*: L, MO, NY, US, USDA. – The copy of Trelease at MO is inscribed (by the author) 20 Apr 1901. Stock destroyed in earthquake-fire of 1906.
Ed. 2: 25 Jan 1911 (p. [2]), [1]-515. *Copies*: MICH, MO, U, US, USDA. – "Second edition" San Francisco (Cunningham, Curtiss & Welch).
Ref.: M. A. H(owe), Torreya 1: 69-70. 20 Jun 1901 (rev.).
Britten, J. Bot. 39: 347-348. Oct 1901 (rev.).
Coulter, Bot. gaz. 31: 435-436. 20 Jun 1901 (rev.).

3340. Twentieth century text-books. *A school flora for the Pacific Coast* . . . New York (D. Appleton and Company) 1902. Oct. (*School fl. Pacif. Coast*).
Publ.: 10 Oct 1902 (p. [iv]), p. [i]-vi, [1]-96. *Copies*: US, USDA.

3341. *A flora of California* . . . illustrated with many original figures. San Francisco (Cunningham, Curtiss & Welch), London (Wm. Wesley & Son), Berkeley, Cal. (Students co-operative society), Leipzig (Oswald Weigel) 1909-1943, 3 vols. Qu†. (*Fl. Calif.*).
Imprints: 1(1,2) as above. 1(3) as above but without Leipzig; 1(4) San Francisco (H. S. Crocker Co. and Cunningham, Curtiss & Welch), Berkeley (as 1,1), London (as 1,1); 1(5) San Francisco (H. S. Crocker Co.), Berkeley (Associated Students' Store), London (as 1,1); all other parts: Berkeley, Cal. (Associated Students Store).
Publ.: The precise dates of publication differ sometimes from those mentioned on the original covers. *Copies*: G, MICH, MO, NY, U, USDA; IDC 7565.

vol.	part	pages	*figures*	dates	
1	8(1)	1-32	-	not published	
	1	33-64	*1-13*	4 Nov 1909	(see p. 64)
	3	65-192	-	30 Apr 1912	(see p. 192)
	6	193-336	*14-60*	24 Oct 1921	(see p. 336)
	2	337-368	*61-65*	4 Nov 1909	(see p. 368)
	4	369-464	*66-91*	3 Jan 1914	(see p. 464)
	5	465-528	*92-105*	11 Feb 1915	(see p. 528)
	7	529-578	*106-127*	21 Jan 1922	
	8(2)	579-index	-	not published	
2	1	[1]-16, 337-684	*207-279*	17 Sep 1936	
	2	17-176	*128-162*	15 Feb 1936	
	3	177-336	*163-206*	20 Jul 1936	
3	1	17-128	*280-365*	31 Mai 1939	(see p. 128)
	2	129-464	*366-451*	5 Mai 1943	(see p. 464)

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3342. *The trees of California* . . . San Francisco (Cunningham, Curtiss & Welch) s.d. [1909]. (*Trees Calif.*).

Ed. 1: 16 Dec 1909 (p. [4]), p. [1]-228, *fig. 1-117*. *Copies*: MO, NY, US, USDA; IDC 7566.
Ed. 2: 1 Sep 1923 (p. [4]), p. [1]-240, *fig. 1-124*. *Copies*: US, USDA. – "Second edition" Berkeley, California (Associated Students Store) s.d.

3343. Memoirs of the University of California volume 2 *The Silva of California* . . . Berkeley (The University Press). (*Silva Calif.*).
Publ.: 29 Dec 1910 (p. [2], Nat. Nov. Feb (2) 1911), p. [1]-480, *pl. 1-85*, with text, 3 maps, id.
Copies: US, USDA; IDC 7567.

3344. *A manual of the flowering plants of California* . . . the manuscript prepared through a fund provided by James Bernard Smith and Inez Ray Smith. Illustrated with 1023 original drawings. Berkeley, Calif. (Sather Gate Bookshop) s.d. [1923-1925]. 16-mo. (*Man. fl. pl. Calif.*).

Pages	dates	pages	dates	pages	dates
[1]-32	27 Nov 1925	129-384	6 Dec 1923	769-960	23 Sep 1925
24a-24h	27 Nov 1925	385-768	14 Apr 1925	961-1170	24 Nov 1925
33-128	28 Sep 1923			1171-1238	1925

Copies: G, NY, USDA.
Other issue: 1925, Berkeley, California (Associated Students Store) *publ.* 1925, p. [1]-24, 24a-24h, [25]-1238. *Copies*: MICH, MO, NY, U, US.
Second printing: 1938.
Third printing: 2 Apr 1951, Berkeley and Los Angeles (University of California Press), p. [1]-24, 24a-24h, 25-1238. *Copies*: NY, US, – Reprinted in facsimile 1957.
Fourth printing: 1960, Berkeley.
The dates for ed. 1 are those given on the verso of the title page. Wheeler has questioned the reliability of these dates but in the absence of proof to the contrary they should be accepted. C.V. Morton received a letter from Jepson (3 Apr 1939) stating that the Manager of the Associated Students Store had verified that the parts were received and on sale on the dates specified. The parts were indeed not advertised. See also Heckard et al. (1967). Complimentary copies of the parts as issued were sent to K, LE and the Library of Congress.
Ref.: Wheeler, Amer. J. Bot. 29 (Suppl.): 19-20. 1942.
Heckard et al., Madroño 19(4): 98-99. 1967.

3345. *A flora of the economic plants of California for agricultural students* including the important crop plants, agricultural weeds, poisonous plants, honey plants, medicinal plants, chaparral shrubs, native timber trees, and the most common native plants of the spring flowering . . . Berkeley, California (Associated Students Store). [1924] Oct. (*Fl. econ. pl. Calif.*).
Publ.: 26 Mar 1924 (p. [2]), p. [1]-223; *Copies*: MO, NY, US, USDA.

3346. *General key to the families of flowering plants of California* . . . to be used in connection with Jepson's Manual of the flowering plants of California. Berkeley, California (Associated Students Store . . .) 1928. (*Key fam. pl. Calif.*).
Publ.: 1928, p. 21-24h. *Copy*: NY. – A reprint of p. 21-24h of the 1925 issue of the *Manual* (no. 3344).

3347. *A high school flora for California* including the more common native flowering plants and cultivated crop plants . . . Berkeley, California (Associated Students Store) [1935]. (*High school fl. Calif.*).
Publ.: 30 Sep 1935, p. [1]-223. *Copy*: NY.

Jessen, Karl Friedrich Wilhelm (1821-1889), German botanist, bibliographer, historian of science and friend of Pritzel; Dr. phil. Kiel 1848; 1850 "Privatdozent" in Berlin; 1852-1877 professor of botany at the agricultural College of Eldena and the university of Greifswald; from 1877 in Berlin. (*Jess.*).

HERBARIUM and TYPES: B; other collections HBG, FI, KIEL, W.

Ref.: Anon., Bot. Zeit. 47: 484. 1889; Bot. Jahrb. 14 (Beibl. 32): 39. 1891.

BIBLIOGRAPHY and BIOGRAPHY: ADB 50: 651-652; Ainsworth p. 308, 317; Barnhart 2: 252; BM 2: 933; CSP 3: 548, 8: 26, 10: 337, 16: 104-105; DTS 1: 134; Frank 3(Anh.): 48; GR p.

93; IH 2: 319; Jackson p. 3, 295, 433; Kew 3: 167; LS 13161; Moebius p. 7, 386, 400; NI 10 (1974); PR 4418-4422; Rehder 5: 433; SO add. 862, 862; TR 608; Urban-Berl. p. 265, 288, 303, 360; Zander ed. 10, p. 676.
Anon., Bonpl. 2: 268. 1854; Bot. Jahrb. 11 (Beibl. 24) 1889; Leopoldina 25: 81, 114. 1889.
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Fischer-Benzon, *in* P. Prahl, Krit. Flora Schleswig-Holstein 2: 27. 1890.
Helm, Kulturpflanze 14: 351. 1966.
Lütjeharms, W. J., Gesch. Mykol. 15, 17, 29, 63. 1936.
Magnus, Leopoldina 25: 154-155. 1889; Verh. bot. Ver. Brandenburg 31: lv-lvii. 1890.
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Wittrock, V. B., Acta horti Berg. 3(2): 131. 1903, 3(3): 138, *pl. 132*. 1905.

COMPOSITE WORKS: With G. Pritzel: Die deutschen Volksnamen der Pflanzen (1882); see under Pritzel.

EPONYMY: *Jessenia* H. Karsten (1857).

3348. *Prasiolae generis algarum monographia.* Dissertatio inauguralis botanica. Scripsit Carolus Fridericus Guillielmus Jessen slesvicensis. Accedunt tabulae duae. Kiliae [Kiel] (In Libraria academica) 1848. Qu. (*Prasiol. monogr.*).
Publ.: 1848 (preface Feb 1848; rev. Bot. Zeit. 15 Dec 1848), p. [1]-20, *pl. 1-2*. *Copies*: NY, U, USDA; IDC 6378.
Ref.: K. M., Bot. Zeit. 6: 866-868. 15 Dec 1848.

3349. *Deutschlands Gräser und Getreidearten* zu leichter Erkenntniss nach dem Wuchse, den Blättern, Blühten und Fruchten zusammengestellt und für die Land- und Forstwirthschaft nach Vorkommen und Nutzen ausführlich beschrieben... Leipzig (Verlag von T. O. Weigel) 1863. Oct. (*Deutschl. Gräser*).
Publ.: 1863, p. [i]-xii, [1]-299, [300, err.]. *Copies*: G, NY, US, USDA.
Re-issue: 1869, "Neue Ausgabe," Leipzig (id.), p. [i]-xii, [1]-299, [300, err.]. *Copy*: MO. – New date only on cover.
Ref.: Schlechtendal, Bot. Zeit. 21: 319-320. 16 Oct 1863.

3350. *Botanik der Gegenwart und Vorzeit* in culturhistorischer Entwicklung. Ein Beitrag zur Geschichte der abendländische Völker... Leipzig (F. A. Brockhaus) 1864. Oct. (*Bot. Gegenwart*).
Publ.: Apr 1864 (Flora 7 Mai 1864), p. [i]-xxii, [1]-495. *Copies*: G, MO, U, USDA. – Basic treatise on the development of botanical thinking in relation to the general cultural development of Western Europe.
Facsimile reprint: 1948, Waltham, Mass. (Chronica botanica). *Copies*: FAS, NY, US.
Ref.: Schlechtendal, Bot. Zeit. 22: 236-238. 29 Jul. 1864.
Anon., Bull. Soc. bot. France 11 (bibl.): 53-85. Aug 1864.

3351. *Deutsche Excursions-Flora.* Die Pflanzen des deutschen Reichs und Deutsch-Oesterreichs nördlich der Alpen mit Einschluss der Nutzpflanzen und Zierhölzer tabellarisch und geographisch bearbeitet... Hannover (Verlag von Philipp Cohen) 1879. Oct. (*Deut. Excurs.-Fl.*).
Publ.: Feb 1879 (p. vii: 2 Dec 1878; Nat. Nov. Feb 1879; Bot. Zeit. 14 Feb 1879), p. [i]-vii, [viii-ix], [1]-32, [1]-711. *Copies*: B, BR, G, L, M.
Ref.: Jessen, S. B. Ges. naturf. Freunde Berlin 1877: 250-253 (prelim. notice on system).
Dr., Bot. Zeit. 37: 188-191. 21 Mar 1879.
Drude, O., Bot. Zeit. 37. 799. 1879.
Anon., J. Bot. 17: 318. Oct 1879.

Jesup, Henry Griswold (1826-1903), American botanist, studied at Yale, professor of natural history (1877-1893) and professor of botany (1893-1899) at Dartmouth College N. H. (*Jesup*).

HERBARIUM and TYPES: HNH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 252; BL 1: 197, 303; Bossert p. 197; CSP 16: 105; IH 2: 319; Lenley p. 242; Rehder 5: 433; Tucker 1: 371.
Anon., Rhodora 5: 191. 1903.
Ewan, J. et al., Short hist. bot. U.S. 12. 1969.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 164, 906. 1963.
Rickett, H. W., Index Bull. Torrey bot. Club 52. 1955.

NOTE: Jesup graduated from Yale College in the class of 1847 together with Sereno Watson and John Donnell Smith.

3352. *A preliminary catalogue of the flowering plants and higher cryptogams* growing without cultivation within thirty miles *of Hanover, N. H.* to which is appended a list of the vertebrates of the same region: . . . Hanover, N. H. (N. A. McClary) 1882. Qu. (*Prelim. cat. fl. pl. Hanover*).
Publ.: 1882 (p. iv: 1 Mar 1882), p. [i]-iv, [1]-74. *Copy*: US.

3353. *A catalogue of the flowering plants and higher cryptogams*, both native and introduced, found within about thirty miles *of Hanover*, N.H., including a few cultivated species, to which is appended a list of vertebrate animals of the same region . . . s.l. (printed for the author, Hanover) 1891. (*Cat. fl. pl. Hanover*).
Publ.: 1891 (p. vii: 23 Jan 1891), p. [i]-vii, [1]-91, map. *Copy*: NY.

Jirasek, Jan [Johann] (1754-1797), Austrian botanist and engineer, "Ober-Wald-Commissar" in Salzburg. (*J. Jiras.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 934; Dryander 1: 248, 3: 417, 4: 62; IH 2: 321; Klástersky p. 14-15, 101; Maiwald p. 78, 79, 145, 265; PR 4425-4426 (ed. 1: 4888); Rehder 5: 433; Wurzbach 10: 180.
Anon., Abh. k. böhm. Ges. Wiss. 1798: xxxvi.
Futák, J. & Domin, K., Bibl. k fl. ČSR. 287. 1960.
Jirasek, J., Abh. k. böhm. Ges. Wiss. 1786: 60-106.

NOTE: Franz Anton Jirasek (1781-1857), son of Johann Jirasek, mining engineer at Salzburg, wrote *Beiträge zu einer botanischen Provincial-Nomenklatur von Salzburg, Baiern und Tirol*, Salzburg (F. X. Duyle) 1806 (PR 4421), of which we failed to locate a copy.

3354. *Beobachtungen auf Reisen nach dem Riesengebirge*, von Johann Jirasek, Thaddäus Haenke, Abbé Gruber, Franz Gerstner. Veranstaltet und herausgegeben von der königl. Böhm. Gesellschaft der Wissenschaften . . . Dresden (In der Waltherischen Hofbuchhandlung) 1791. Qu. (*Beobacht. Reis. Riesengeb.*)
Co-authors: Thaddäus Haenke (1761-1817), Botanische Beobachtungen, on p. 31-159; Abbé Gruber; Franz Gerstner.
Publ.: early 1791 (fide W. Gutermann; on the basis of rev. in Usteri, Ann. Bot. 1(1): 78-83. Sep 1791), p. [i]-xviii, [3]-159. *Copy*: NY.

Joachim, Leon (1873-1945), French (Alsatian) mycologist and pharmacist; practiced at Valdoie 1898-1910, at Auxerre 1910/1-1919; Dr. pharm. Paris 1914; at Noisy-le-Sec (Seine) 1919-1936, at Paris 1936-1945. (*Joachim*).

HERBARIUM and TYPES: Material at PC and E.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 253; IH 2: 320; Kew 3: 169; LS suppl. 13067-13071.
Gilbert, Bull. Soc. mycol. France 62(3/4): 125-134. 1947 (portr., bibl.).

3354a. *Contribution à la flore mycologique du territoire de Belfort.* Catalogue raisonné des champignons qui y croissent . . . Paris (Librairie des Sciences naturelles Paul Klincksieck, Léon Lhomme, successeur . . .) 1914. Oct. (*Contr. fl. mycol. Belfort*).
Publ.: 1914, p. [i, iii], [1]-88, *pl. 1-6* (col.), map. *Copy*: Stevenson.

Jörgensen, Eugen Honoratius (1862-1938), Norwegian high school teacher and botanist at Bergen; associated with Bergens Museum from 1894. (*Jörg.*).

HERBARIUM and TYPES: BG; duplicates at C, E, G, GB, H, LE, LY, MANCH, O. – Jörgensen left his library, herbarium, note books and microscopic preparations to BG.
Ref.: Jørgensen, P. M., Personal comm. 13 Apr 77 (no relation of E. H. J.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 254; BL 2: 462, 673; CSP 16: 113; Hirsch p. 141; IH 2: 332; Kew 3: 170; Kleppa p. 325; Rehder 5: 434; SBC p. 123 ("Jøerg."); Tucker 1: 372.
Harvey-Gibson, R. J., Outlines hist. bot. 203, 236, 240. 1914.
Holmboe, Norsk biogr. Leks. 7: 158-160. 1936; Norske Vid.-Akad. Årbok 1938: 73-76 (portr.).
Jörgensen, Bot. Not. 1902: 92, 1919: 182.
Schuster, R. M., Hep. Anthoc. N. Amer. 1: 62. 1966.
Verdoorn, F., Ann. bryol. 12: viii. 1939.

3355. *Lidt om udbredelsen af nogle af vore sjeldneste vestlankske levermoser* [Bergen 1901]. Oct.
Publ.: 1901, p. [1]-15. *Copy*: Steere. – Bergens Museums Aarbok 1901 no. 9. To be cited from journal.

3356. Bergens Museums Skrifter nr. 16. *Norges levermoser av E. Jørgenson.* Med. benyttelse av et av. B. Kaalaas efterlatt manuskript. Bergen (A. S. John Griegs Boktrykkeri) 1934. Oct. (*Norg. leverm.*).
Publ.: 1934, p. [1]-343, [1-2, expl. maps], maps 1-25 on 7 lvs. *Copies*: NY, U.

Jörlin, Engelbert (1733-1810), Swedish botanist; pupil of Linnaeus; docent in natural history at Lund (1769); adjunct ib. (1781); ultimately rector of a school in Göteborg (1784). (*Jörl*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 254; Dryander 3: 26, 581, 593, 594; GR p. 508; Kew 3: 171; KR p. 333-334; LS 13214; PR 4439-4442 (ed. 1: 4905-4909); Rehder 5: 434; Tucker 1: 372.
Fries, Th. M., Bref och Skrifv. Linné 1(5): 177. 1911, 1(7): 97, 98, 113-115, 184, 185. 1917.
Hulth, J. M. & A. H. Uggla, Bref och Skrifv. Linné 2(2): 231, 233. 1943.

3357. *Plantae tinctoriae*, de quibus specimen botanico-oeconomicum, consensu ampliss. facult. med. in illustri upsaliensi athenaeo, praeside viro nobilissimo et experientissimo Dn. Doct. Carolo Linnaeo, ... publico bonorum examini modeste submittit stipendiar. guthermuth. Engelbertus Jörlin, bahusia-gothoburgens. in audit. Carol. major die xvi. maji, anno mdcclix h.a.m.s. Upsaliae [Uppsala] [1759]. Qu. (*Pl. tinct.*).
Publ.: 16 Mai 1759, p. [1]-30. *Copies*: B, G, MO, NY. – KR (p. 334) attributes this thesis to Jörlin. For reprints and other editions see SO 2031-2035. (Linnaeus, Amoen. acad. 5: 314-342. 1760, ed. 2 (Schreber) 5: 314-342. 1788; also in Gilibert, J. E., Syst. pl. Eur. 5: 273-299. 1786).

3358. *Principia botanices* illustrata, seu partes fructificationis, characteribus, terminis technicis, figuris illustratae, ad systema botanices Linnaeanum intelligendum, tractandum adaptatae in usum praelectionum ab Engelbert Jörlin ... editio altera, emendata, aucta. Lundae (litteris Berlingianis, et impensis Joh. Lundblad) 1786. Oct. (*Princip. bot.*).
Publ.: 1786 (p. [ii]: Cal. Jun 1786), p. [i-viii], [1]-32, *pl. 1-6* (uncol. by C. P. Wynbergh). *Copy*: M. – The "editio altera" refers to the dissertation *Partes fructificationis*, ... 1 Mai 1771, (n.v., see p. 334, nos. 3 a, b.

Jørstad, Ivar (1887-1967), Norwegian mycologist and phytopathologist; studied at Oslo and Madison, Wisc. (M. Sc. 1920); from 1920-1957 government mycologist at Oslo; Dr. phil. Oslo 1934. (*Jörst.*).

HERBARIUM and TYPES: O; other material at C, MICH, PR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 254; IH 2: 332.
Gjaerum, Blyttia 25(3): 85-87. 1967.
Hesler, L. R., Biogr. sketches N. Amer. mycol. 1975, mss.
Jørstad, I., Personal communication to senior author 1958.
Robak, Årb. norske Vid.-Selsk. Oslo 1968: 116-121. 1969.
Reed, Mycologia 63: 697-700. 1968.
Roll-Hansen, Friesia 8(2): 113-116. 1968 (portr.).

3359. *Chytridineae, Ustilagineae and Uredineae from Novaya Zemlya* ... Kristiania [Oslo] (A. W. Brøggers Boktrykkeri a/s) 1923 [i.e. 1924]. Oct. (*Chytrid. Nov. Zemlya*).
Publ.: early 1924 (t.p. 1923 but printed, not published 31 Dec 1923), p. [1]-12. *Copy*: FH. – Report scientific results Norwegian expedition to Novaya Zemlya 1921, no. 18.

3360. *The Erysiphaceae of Norway* ... Oslo (i kommission hos Jacob Dybwad) 1925. Oct. (*Erysiph. Norway*).
Publ.: 1925 (submitted 27 Feb 1925), p. [1]-116. *Copies*: FH, USDA. – Skr. Norske Vid. Akad. Oslo, mat.-nat. Kl. 1925, no. 10.

3361. *A study on Kamchatka Uredinales* ... Oslo (i kommission hos Jacob Dybwad) 1934. Oct. (*Kamchatka Ured.*).
Publ.: Mai [Oct] 1934 (printed 30 Apr 1934; J. was awarded the degree of Dr. phil. on the basis of this treatise on 17 Nov 1934), p. [1]-183, [184, colophon]. *Copy*: FH. – Skr. Norske Vid.-Akad. Oslo, mat.-nat. Kl. 1933, no. 9.

Johann Baptist, Fabian Sebastian, Archduke of Austria (1782-1859), Austrian amateur botanist. (*Johann Baptist*).

HERBARIUM and TYPES: Unknown. – A mss. *Icones plantarum alpinarum* at W.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 934; Dawson p. 475; DTS 1: 134, 6(4): 158 (note on his mss. *Icones plantrum alpinarum*); PR 4443 (ed. 1: 4910); Rehder 1: 439; WU 6: 280-287.
Anon. (H. Wallmann), Der erlauchte Tourist und Alpenfreund Erzherzog Johann von Oesterreich. Wien s.d., 21 p. (portr.).

EPONYMY: *Johannia* Willdenow (1803). *Note: Johannesbaptistia* G. De Toni (1934) is dedicated to Giovanni Batista De Toni (1864-1924), q.v.

3362. *Alpenpflanzen 1* [Wien ca. 1807]. (*Alpenpfl.*).
Publ.: Sets of coloured copper engravings by Johann Knapp, ordered by Johann Baptist are found at BM, GZU and W. For an extensive analysis and description of two of the sets (85 in GZU, and 36 at the Institut für Anatomie, Graz) and for the collection of 185 original watercolours (Alpenpflanzen I) see Widder (1960). The portfolio of original drawings at GZU contains part of the reputedly 300 drawings made for this purpose. Further sets of the engravings are at W (33 plates, not 92, with handwritten title *Icones plantarum alpinarum cum Archiducis Johannis peractae*, mentioned under this name by PR) and 51 plates at BM (BM 2: 934: "Johann Baptist ... *Icones plantarum alpestrium Austriae*" title handwritten). An "*Alvawetischer Catalog von Alpenpflanzen*" by Johann Knapp (mss) is also at GZU.
Ref.: Schrader, J. Bot. 1808(2): 373.
Rupprecht, Arch. Geogr. hist. Staats-Kriegskunst 12: 138-140. 1821 (n.v., fide Widder, provides details on Knapp's work and Johann Baptist's assignment to him).
Widder, F., Jahrb. Ver. Schutze Alpenpflanzen 25: 104-117. 1960 (extensive details).

Johnson, Carl Johan (1858-1888), Swedish mycologist; studied at Uppsala (1883 fil. kand., 1886 fil lic.). (*Johans.*).

HERBARIUM and TYPES: C, H, LD, UPS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 255; BJI 1: 29; BM 2: 934-935; Bossert p. 198; CSP 10: 340, 16: 115; IH 2: 322; Kew 3: 172; KR p. 319-320; LS 13221-13226; NAF 7: 1071; Rehder 1: 358; Stevenson p. 1246.

Anon., Bot. Not. 1888: 190-191; Bot. Zeit. 46: 627. 1888; Leopoldina 24: 164. 1888.
Blytt and Krok, Ann. Bot., London 2: 415. 1889.
Magnus, Hedwigia 28(1): 97-98. 1889.
Wittrock, V. B., Acta Horti Berg. 3(2): 44, 183, *pl. 11.* 1903.

EPONYMY: *Johansonia* P. A. Saccardo (1889); *Johansoniella* A. C. Batista, J. C. Bezerra & A. Cavalcanti (1966).

3363. *Studier öfver svampslägtet Taphrina* ... Stockholm (Kongl. Boktryckeriet P. A. Norstedt & Söner) 1887. Oct. (*Stud. Taphrina*).
Publ.: 1887 (submitted 11 Mai 1887; Nat. Nov. Jan(2) 1889), p. [1]-29, *pl. 1. Copy*: U. – Bihang k. Sv. Vet.-Akad. Handl. 13(3) no. 4. 1887. See also Sv. Vet.-Akad. Öfvers. 42: 29-47. 1885 (Bot. Zeit. 25 Sep 1885; Nat. Nov. Sep(1) 1885). For a review of the 1887 publication see Bot. Centralbl. 33: 222-223, 251-256, 284-287. 1888.

Johansson, Karl (1856-1928), Swedish botanist. (*Johanss.*).

HERBARIUM and TYPES: UPS. – *Hieracia scandinavica exsiccata* 1-4, 1923-1926 at C, H, LD, S (with Gunnar Samuelsson), *Hieracia suecica rariora exsiccata*, 1914, 100 nos. set at H.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 255; BJI 2: 85; BL 2: 523, 524, 673; BM 2: 935; CSP 16: 116; IH 2: 322; Kew 3: 172; KR p. 320-323.
Anon., Generalregister Bot. Not. 1839-1938: 37, 101. 1939.
Palmgren, Mem. Soc. Fauna Fl. fenn. 5: 187. 2930.
Wittrock, V. B., Acta Horti Berg. 3(2): 44, *pl. 14.* 1903.

3364. Hufvuddragen af *Gotlands växttopografi och växtgeografi* grundade på en kritisk behandling af dess kärlväxtflora. Med en karta ... Stockholm (Kungl. Boktryckeriet, P. A. Norstedt & Söner) 1897. Qu. (*Gotlands växttopogr.*).
Publ.: 1897 (submitted 14 Oct 1896; Nat. Nov. Dec(1) 1897), p. [1]-270, [1, err.]. *Copies*: NY, US. – K. Sv. Vet.-Akad. Handl. ser. 2. 29(1). 1897. – p. 1-20, 109-270 were separately issued as "*Förteckning öfver Gotlands fanerogamer* och ormbunkar," Stockholm 1897. See Blake (2: 523) for further details.

3365. Studier öfver *Gotlands hapaxantiska växter* med hänsyn till deras groningstid och öfvervintring ... Stockholm (Kungl. Boktryckeriet. P. A. Norstedt & Söner) 1899. Oct. (*Gotlands hapax. växt.*)
Publ.: 1899 (submitted 8 Feb 1899; Nat. Nov. Nov(2) 1902), p. [1]-103. *Copy*: U. – Bihang K. Sv. vet. akad. Handl. 25 (3, no. 2).

3366. *Archieracium-Floran* inom Dalarnes silurområde i siljanstrakten ... Stockholm (Kungl. Boktryckeriet P. A. Norstedt & Söner) 1902. Oct. (*Archieracium-Fl.*).
Publ.: 1902 ("tryckt 28 Aug 1902"), p. [1]-156, *pl. 1-12*, *Copy*: U. – Bihang k. Sv. Vet.-Akad. 28(3) no. 7. 1902.

3367. *Nya Hieracier af Gruppen vulgata* Fr. epicr. från Medelpad [Uppsala (Almqvist & Wiksells Boktryckeri – A.-B.) 1907]. Oct.
Publ.: 7 Sep 1907, p. [1]-51. *Copy*: U. – Ark. Bot. 6(14). To be cited from journal.

3368. *Anteckningar från Hieracie-exkursioner* i Ångermanland och Västerbotten [Uppsala (Almqvist & Wiksells Boktryckeri-A.-B.) 1907]. Oct.
Publ.: 7 Sep 1907, p. [1]-55. *Copy*: U. – Ark. Bot. 6(18). To be cited from journal.

3369. *Dalarnes Hieracia vulgatiformia* ... [Leipzig] (Författarnas Förlag) 1923. Oct. (*Dalarn. Hierac. vulg.*).
Co-author: Gunnar Samuelsson (1885-1944).
Publ.: Jan-Apr. 1923, p. [1]-81. *Copy*: MO.

3370. *Dalarnes Hieracia silvaticiformia* ... Leipzig [(author)] 1923. Oct. (*Dalarn. hierac. silvat.*).

Co-author: Gunnar Samuelsson (1885-1944).
Publ.: 1923 (p. 3: Mai 1923), p. [1]-95. *Copy*: MO.

Johnson, Arthur Monrad (1878-1943), Norwegian-born American botanist. (*A. M. Johns.*).

HERBARIUM and TYPES: LA, MIN, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 256; Bossert p. 198; Hortus 3: 1196; IH 2: 323; MW p. 218.
Anon., Taxon 27(1): 111. 1978.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 164. 1963.

3371. *A revision of the North American species of the section Boraphila* Engler of the genus Saxifraga (Tourn) L. A thesis submitted to the faculty of the graduate school of the University of Minnesota by Arthur Monrad Johnson in partial fulfillment of the requirements for the degree of doctor of philosophy June 1919. [University of Minnesota] 1919. Oct. (*Revis. N. Amer. Boraphila*).
Publ.: Jun 1919, p. [i], [1]-109, *pl. 1-19* with text (uncol.). *Copy*: US.

Johnson, Charles (1791-1880), British physician and botanist, lecturer St. John's Hospital 1830-1873, father of Charles Pierpont Johnson. (*C. Johns.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 257; BB p. 167; BL 2: 220, 673; BM 2: 935; CSP 3: 555; Desmond p. 346; DNB 30: 7; Jackson p. 564; Kew 3: 174; NI 993-996; Plesch p. 283; PR 4448 (only); SO 842b.
Anon., Bot. Not. 1881: 39.
Britten, J., J. Bot. 18: 351-352. 1880.

COMPOSITE WORKS: Edited J. Sowerby and J. E. Smith, *English Botany*, ed. 2, 1832-1846.

EPONYMY: *Johsonia* P. Miller (1754, *nom. rej.*) and *Johnsonia* R. Brown (1810, *nom. cons.*) are dedicated to Thomas Johnson (x-1644), English botanist, who published an enlarged and amended edition of J. Gerard's *Herball* (TL-2/1993). The same, probably, holds for *Johnsonia* Adanson (1763). *Johnsonia* K. B. Kordoe (1965) is dedicated to Jesse Harlan Johnson (1892-x), American geologist and paleobotanist, who is also commemorated in *Harlanjohnsonella* G. F. E. Elliott (1968).

3372. *The ferns of Great Britain*: illustrated by John E. Sowerby... the descriptions, synonyms, &c. by Charles Johnson, ... London (John E. Sowerby, ...) 1835. Oct. (in fours). (*Ferns Gr. Brit.*).
Publ.: 1854-1855, in eight parts, p. [i-iii], [1]-87, [88, err.], *pl. 1-49*, col. liths. by John Edward Sowerby (1825-1870). *Copies*: BR, MICH, MO, NY; IDC 7203. – Two issues: fully col. pl. (all copies seen) and partly col. pl. (n.v.).
Reissue: 1859, p. [i, iii], [1]-87, [88, err.], *pl. 1-49* (id.). *Copies*: NY, USDA(2). – London (Henry G. Bohn, York Street, Covent Garden). Oct. (in fours).

3373. *British poisonous plants*. By Charles Johnson, ... illustrated with twenty-eight coloured plates transferred from "English botany." London (printed by Taylor and Francis, ... for the proprietor, John E. Sowerby, ...) 1856. Oct. (*Brit. poison. pl.*).

Ed. 1: 1856 (p. iv: Feb 1856), p. [i]-iv, [1]-59, *pl. 1-28* (col. liths by John Edward Sowerby (1825-1870)). *Copies*: MO, NY, USDA.
Ed. 2: 1861, p. [i]-iv, [1]-76, *pl. 1-32* (col. liths., id.).
Copies: MICH, NY. – "*British poisonous plants*. Illustrated by John E. Sowerby. Described by Charles Johnson, ... and C. Pierpont Johnson. Second edition, Illustrated with thirty-two coloured plates, including the principal poisonous fungi." London (John van Voorst, ...) 1861. *Co-author*: Charles Pierpont Johnson (x-1893).

3374. *The fern allies*: a supplement to the ferns of Great Britain. Illustrated by John E. Sowerby, ... the descriptions, synonyms, &c. by Charles Johnson, ... London (printed by Taylor and Francis, ... for the proprietor, John E. Sowerby, ...) 1856. Oct. (in fours).
Publ.: 1856, p. [i], [1]-52, *pl. 1-31* (col. liths. by John Edward Sowerby (1825-1870). *Copies*: BR, G, MICH, MO, NY; IDC 7204.
Reissue: 1859, p. [i], [1]-52, *pl. 1-31* (id.). *Copies*: NY, USDA. – London (Henry G. Bohn, York Street, Covent Garden). Oct. (in fours).

3375. *The grasses of Great Britain*; illustrated by John E. Sowerby, ... described, with observations on their natural history and uses, by Charles Johnson, ... London (John E. Sowerby, ... and William Kent & Co., ...) 1861. Oct. (in fours). (*Grasses Gr. Brit.*).

Ed. 1: 1857-1861, plates dated from 1 Oct 1857 – 1 Sep 1861, p. [i*], [i]-xxxii, [1]-192, *pl. 1-144*, col. liths. by John Edward Sowerby (1825-1870). *Copies*: BR, L.
Other issue: 1883?, p. [i*], [i]-xxxii, [1]-192, *pl. 1-144* (id.). *Copies*: B, MO, NY, USDA. – Imprint: London (Robert Hardwicke, ...) s.d.

Johnson, Charles Pierpont (x-1893), British botanist, son of Charles Johnson. (*C. P. Johns.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 256; BB p. 167; BL 2: 220, 673; BM 2: 935; Desmond p. 346; Jackson p. 564; Kew 3: 174; LS 13237; NI 997-998; Plesch p. 282-283; PR 4449-4450; Rehder 5: 435.
Britten, J., J. Bot. 31: 128. 1893.
Johnson, C. P., British wild flowers [1858]-1860; ed. 3, 1876.

3376. *The useful plants of Great Britain*: a treatise upon the principal native vegetables capable of application as food, medicine, or in the arts and manufactures by C. Pierpont Johnson. Illustrated by John E. Sowerby, ... London (Robert Hardwicke, ...) s.d. [1861-1862]. Oct. (in fours). (*Useful pl. Gr. Brit.*).
Publ.: 1861-1862, but reissued 1863, 1864, 1867 with same title-page (?), p. [i*-iii*], [i]-vi, [7]-324, *pl. 1-25*, col. liths. by John Edward Sowerby (1825-1870). *Copies*: MICH, MO, NY, USDA. – It is possible that the Robert Hardwicke imprint represents later issues and that 1861/2 was London (Kent).

Johnson, Lorenz(o) Nickerson (1862-1897), American algologist. (*L. Johns.*).

HERBARIUM and TYPES: F (originally at John Hopkins, transferred 1952); other material at DS, ILL, MICH.
Ref.: Anon., Bot. Gaz. 25: 71. 1898 (herb. for sale).
Stafleu, F. A., Taxon 1: 97. 1952.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 258; De Toni 4: xxxi-xxxii; NAF ser. 2. 6: 67; NW p. 49; Nordstedt p. 19.
Anon., Bot. Gaz. 23: 229. 1897.
Ewan, J. et al., Short hist. bot. U.S. 167. 1969.
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Johnson, Thomas (1863-1954), British palaeobotanist, demonstrator in science, London 1885-1890, professor of botany, R. Coll. Sci., Dublin 1890-1928, keeper DBN. (*T. Johns.*).

HERBARIUM and TYPES: DBN; further material at B and IBN.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 282; Barnhart 2: 258; BL 2: 280, 281, 290, 673; BM 2: 936; CSP 16: 121-122; Desmond p. 347; Dryander 3: 59, 134; HU 1: 223, 230; IH 2: 324; Kew 3: 177-178; LS 13248, 35044-35056; Moebius p. 95; NI 698; Plesch p. 283; PR ed. 1: 4918-4921; Rehder 5: 435; Stevenson p. 1246.
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Johnson, William (1844-1919), British lichenologist, Primitive Methodist minister in Yorkshire (1864-1908). (*W. Johns.*).

HERBARIUM and TYPES: LDS. Exsiccatae: *The North of England lichen-herbarium,* fasc. 1-13, nos. 1-520, 1894-1918, sets at BM, DBN, E, H, MPU, PC, W.
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Johnston, George (1797-1855), British physician and naturalist; MD Edinburgh 1819; surgeon at Berwick from 1819. (*G. Johnst.*).

HERBARIUM: formerly at KSO; present location unknown. Material at CGE (Fungi), E (full set (?) of the Berwick herbarium), and K. – Letters at BM, K, LINN.
Ref.: Kent, D. H., Brit. herb. 62. 1957.
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1: 1829, p. [i]-xxiv, [1]-242, *pl. 1-2.*
2: 1831, p. [i-iii], [1]-335, *pl. 3-8* (no. *5* sometimes lacking).
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Publ.: 1853 (p. [v]: 25 Jun 1853), front., p. [i]-xii, [1]-336, *pl. 1-13* (no. *9* col; others uncol.).
Copies: G, MO, NY. – Second t.p.: "*Terra Lindisfarnensis.* The natural history of the Eastern Borders, . . . vol. 1. The botany . . ." See BL 2: 298 for notes.

Johnston, Ivan Murray (1898-1960), American botanist at the Arnold Arboretum; Ph. D. Harvard 1925; in Chile 1925-1926; from 1922-1931 assistant at Gray Herbarium with Robinson and Fernald; 1931-1938 research associate Arnold Arboretum; ass. professor of botany Harvard 1938-1960; ass. dir. Arnold Arboretum 1948-1953; specialist on Boraginaceae. (*I. M. Johnst.*).

HERBARIUM and TYPES: A, CAS, UC. – Duplicates in many herbaria (see IH).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 259; BJI 2: 86; BL 1: 128, 151, 168, 235, 247, 257, 303; Bossert p. 199; Hortus 3: 1196 ("I. M. Johnst."); IF suppl. 4: 326; IH 2: 325; Kew 3: 180-181; Langman p. 397-398; MW suppl. p. 146; NW p. 49; Plesch p. 283; Zander ed. 10, p. 676.
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NOTE: Correll (1961): "I have never met anyone who displayed more zest for life and living than did Ivan Murray Johnston... His was a brilliant, complicated and, to some, controversial personality."

COMPOSITE WORKS: Pulle, *Fl. Suriname, Boraginaceae*, 4(1): 306-333. Jul 1936.

EPONYMY: *Ivanjohnstonia* S.M.A. Kazmi (1975); *Johnstonella* A. Brand (1925); *Sinojohnstonia* H. H. Hu (1936). *Note*: *Johnstonia* M. B. Ellis (1971) commemorates A. Johnston, who collected the material in 1960.

3379. *Expedition of the California Academy of Sciences to the Gulf of California* in 1921. The *botany* (the vascular plants). San Francisco (published by the Academy) 1924. Oct.
Publ.: 31 Mai 1924, Proc. Calif. Acad. Sci ser. 4. 12(30): 951-1218, map. 1924. *Copies*: NY. US. – Has also history expl. To be cited from journal.

3380. *A study of the Nolanaceae* [Philadelphia 1936]. Oct. (*Study Nolanac.*).
Publ.: Apr 1936 (submitted 8 Jan 1936), p. [i]. [1]-87. *Copy*: U. – Proc. Amer. Acad. Arts Sci. 71(1). 1936.

3381. *The preparation of botanical specimens for the herbarium.* Jamaica Plain, Mass. (published by the Arnold Arboretum of Harvard university) 1939. (*Prep. bot. spec.*).
Publ.: 1939, p. [1]-33, *pl. 1-5*. *Copy*: US.

Johnston, Robert Mackenzie (1844-1918), Scottish palaeobotanist; to Victoria 1870; from 1882 registrar-general and government statistician of Tasmania. (*R. Johnst.*).

HERBARIUM and TYPES: Unknown; some material of his at FI (in herb. Webb, fide Steinberg).
Ref.: Steinberg, C., Webbia 32(1): 28. 1977.

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son & Co.), London (Simpkin, Marshall & Co.) Tasmania (William Thomas Stratt, . . .) 1888. Qu. (*Syst. acc. geology Tasmania*).
Publ.: 1888, [i*, h.t., lacking in UC], frontisp., [i, t.p.]-[iii], [i]-[xxxiii], [1, err. between vi and vii), [1]-408, 10 uncol., 9 col. and 2 folding col. pl. inserted throughout; p. 215-216 lacking, a folding table instead; *pl. 1-3* between [374] and [375], folding col. pl., *pl. i-lvii* (some col.) with text. (analysis D. E. Johnson 1977). *Copy*: UC.

Johnstone, William Grosart (died c. 1860), British algologist. (*Johnstone*).

HERBARIUM and TYPES: LTR(?).
Ref.: Kent, D. H., Brit. herbaria, London 1957.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 260; BB p. 169; BM 2: 939; CSP 8: 31; Desmond p. 349; IH 2: 326; Jackson p. 242; Kew 3: 182; NI 1002; Plesch p. 283; PR 4460; Sotheby 403; TL-2/see Croall.
Trail, Scott. Naturalist ser. 2. 2: 150. 1886.

NOTE: Trail (1886), in his obituary of Croall: "The "British Sea Weeds" was nominally the joint production of W.G. Johnstone and Alexander Croall, but I have reason to know that nearly the whole of the work devolved on Croall, while the remuneration went to Johnstone, who died, or in some other way conveniently vanished before accounts were squared between them."

3383. *The nature-printed British sea-weeds*: a history, accompanied by figures and dissections, of the algae of the British Isles by William Grosart Johnstone . . . and Alexander Croall . . . nature-printed by Henry Bradbury. London (Bradbury and Evans, . . .) 1859-1860, 4 vols. Qu. (*Nat.-print. Brit. sea-weeds*).
Co-author: Alexander Croall (1809-1885).

1: 2 Jul 1859 (t.p. undated p. i: 31 Mai 1859; see Lit. Gaz. – 2 Jul 1859), p. [i, iii], front., [v]-xv, [1]-188, *pl. 1-22, 22 bis, 23-42, 42a, 43-58, 59a, 59b, 59c, 60-66.*
2: Dec 1859 (scheduled for 31 Aug; rescheduled for 30 Nov 1859), front., p. [i]-ix, [1]-203, *pl. 67-69, 69b, 70, 70b, 70c, 71-91, 91b, 92a, 92b, 93-129.*
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Copies: G, MO, NY, USDA. – In all 221 (12 double nos., 2 unnumbered) nature prints by Henry Bradbury in color, 1 uncol., in copper intaglio (copies vary slightly in the number of extra plates. The list above is that of the USDA copy). The four titles are steel engravings by John Leighton for which four different algae were used as centre pieces. – An octavo edition was also announced by the publishers. – The USDA copy has all title-pages undated.
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Johow, Friedrich [Federico] **Richard Adalbert** (1859-1933), German botanist; originally at Bonn; from 1889 in Chile. (*Johow*).

HERBARIUM and TYPES: SGO (Instituto pedagogica); other material at B, GB and UPS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 260; BJI 1: 29-30; BL 1: 114; BM 2: 939; CSP 10: 345, 16: 127; GR cat. p. 65; Hortus 3: 1196 ("Johow"); IF 708; IH 2: 326; Jackson p. 75, 490; Kew 3: 182; LS 13261-13263; Moebius p. 114; NI 1003; Rehder 5: 435; Tucker 1: 373.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 167. 1947.
Porter, Rev. Chil. Hist. nat. 37: 57-58. 1933.
Reiche, K., Grundz. Pflanzenverbr. Chile 22, 23, 25, 26, 33, 34. 1907 (Veg. Erde 8).
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3384. *Estudios sobre la flora de las Islas de Juan Fernandez* por el doctor Federico Johow . . . con una introduccion sobre las condiciones geográficas i geológicas del archipiélago escrita por el doctor don Roberto Pöhlmann, . . . obra ilustrada con 2 mapas, 8 grabados i 18 láminas hechos parte segun dibujos de don Bernardo Krüssel, . . . i parte segun vistas fotográficas tomadas por el doctor don Cárlos Schönlein, . . . Santiago de Chile (Imprenta Cervantes . . .) 1896. Qu. (*Estud. H. Juan Fernandez*).
Publ.: Sep-Dec 1896 (p. xi: 18 Aug 1896; Flora rd. 5 Jun 1897; Nat. Nov. Sep(1) 1897), p. [i]-xi, [1]-287, [1, err.], ills. as mentioned in title. *Copies*: NY, US, USDA. – Sketch of bot. hist.; discussion species; bibliography.
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Reiche, Bot. Jahrb. 2 (Lit.): 44. 1897.

Jolyclerc, Nicolas-Marie-Thérèse (1746-1817), French clergyman and botanist; for some time at Lyon; later teaching at the École centrale de l'Oise. (*Jolycl.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 260; BM 2: 939; GF p. 62; GR p. 329; Kew 3: 184; Krempelh. 2: 58; Langman p. 399; LS 13271; NI 1003n, 1392; Plesch p. 283-284; PR 4465-4466 (ed. 1: 4929-4933); Rehder 5: 436; SO 34e, 34f, add. 34da, 34f, 136, 604-607; Sotheby 405-407; Tucker 1: 374.
Magnin, A., Bull. Soc. bot. Lyon 31: 43. 1906, 32: 114. 1907.

3385. *Elémens de botanique*, ou méthode pour connoitre les plantes, par Pitton de Tournefort. Edition augmentée de tous les supplémens donnés par Antoine de Jussieu; enrichie d'une concordance avec les classes, les ordres du systême sexuel de Linné, et les familles naturelles créees par Laurent-Antoine de Jussieu; mise à la portée de tous les hommes par l'interprétation française du texte grec ou latin des espèces admises dans les auteurs, par des additions très-considérables au dictionnaire des termes du botaniste, etc. etc. etc. Par N. Jolyclerc, ci-devant Bénédictin de la Congrégation de Saint-Maur . . . A Lyon (Chez Pierre Bernuset et Comp.) 1797, 6 vols. Oct. (*Élém. bot.*).
Original author (q.v. for earlier editions): Joseph Pitton de Tournefort (1656-1708) (Éloge on 1: 1-24).

1: 1797, p. [i*, iii*], [i]-xvi, [1]-480.
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3: 1797, p. [i, iii], [1]-452.
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6: 1797, p. [i, iii], *pl. 245-489* (id.).
Copies: HH, MO, NY – Even though based on Tournefort's *Elémens* (Inst.), virtually a new book.

3386. *Principes de la philosophie du botaniste*, ou dictionnaire interprète et raisonné des principaux préceptes et des termes que la botanique, la médecine, la physique, la chymie et l'agriculture ont consacrés à l'étude et à la connaissance des plantes. Par N. Jolyclerc, naturaliste et homme de lettres. Paris (Chez Ronvaux, imprimeur, . . .) an vi [1797-1798]. Oct. (*Princ. philos. bot.*).

Ed. 1: an vi (22 Sep 1797 – 16 Sep 1798), p. [i]-xv, [xvi], [1]-462, [1, cont.]. *Copies*: G, MO, NY, USDA.
Reissue: an vii (22 Sep 1798 – 16 Sep 1799), p. [i]-xv, [xvi], [1]-462, [1, cont.]. *Copy*: NY. – Imprint: "A Paris, chez Levacher, libraire . . . an viie. de la République française."
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3387. *Systême sexuel des végétaux*, suivant les classes, les ordres, les genres et les espèces, avec les caractères et les differences; par Charles Linné. Première édition française, calquée sur celles de Murray et de Persoon, augmentée et enrichie de notions élémentaires; de notes diverses;

d'une concordance avec la méthode de Tournefort, et les familles naturelles, etc., etc. Par N. Jolyclerc, naturaliste et homme de lettres. A Paris (Chez Ronvaux, imprimeur, . . .) an VI. (1798.) Oct. (*Syst. sex. vég.*).
Publ.: An vi, 1798 (1 Jan 1798 – 16 Sep 1798), p. [i-vi], [1]-789, [790, "avis"]. *Copies*: MO, NY. – The note on p. [790] announces a second volume containing a dictionary, glossary and "tables de concordance". This second volume was apparently not issued in this form. – See also SO 604.
Other edition (pirated?): An vii (1799; i.e. 1 Jan 1799 – 16 Sep 1799), 2 vols. "A Paris (Chez Moutardier, imprimeur-libraire, . . . an viie. de la République française." *Copies*: MO(2). – See SO 605.
1: [i-vi], [1]-384, [1-4, err. in second MO copy].
2: [i, iii], 385-789, [790, avis].
Other edition (pirated): Arthur Bertrand, Paris, 1803, see SO 606; not seen by us. Extant?, see 1810 ed.
Ed. 2: 1810, 2 vols., "Deuxième édition, revue, corrigée et augmenté [sic] . . . A Paris, Arthus Bertrand, libraire, . . ." 2 vols. *Copy*: MO. – See SO 607. – 1: [i-iii], [1]-419, 2: [1]-482.

3388. *Phytologie universelle*, ou histoire naturelle et méthodique des plantes, de leurs propriétés, de leurs vertus et de leur culture; ouvrage consacré aux progrès des sciences utiles, de l'agriculture et de tous les arts. Par N. Jolyclerc, naturaliste et homme de lettres . . . Paris (Chez Gueffier jeune, . . . Lamy, . . . et Croullebois, . . . de l'imprimerie d'Hacquart, . . .) an vii [1798-1799], 5 vols. Oct. (*Phytol. univ.*).
Publ.: all dated "an vii" (22 Sep 1798 – 16 Sep 1799). *Copies*: HU, MO, NY.

1: [i]-xvi, [1]-496.
2: [i-iv], [1]-551.
3: [i-iv], [1]-525.
4: [i-iv], [1]-534.
5: [i-iv], [1]-504.

Published with or without plates. We have seen no copy with plates and refer to the notes by Collins (Sotheby 406) on the former Plesch copy. This has *656 pl.* (*1-640, 46bis, 48bis, 74bis, 116bis, 117bis, 117ter, 117 qu, 196 bis, 305bis, 337bis, 355bis, 355ter, 355qu., 417bis, 504bis, 561bis*) which are reissues of the botanical plates in Garsault, *Les figures de plantes* (1764). See also PR ed. 1. Another copy with plates was offered for sale by Junk, Catal. 206: nr 156. 1977.

3389. *Cryptogamie complette*, ou description des plantes dont les étamines sont peu apparentes; suivant les ordres ou familles, les genres, les espèces, avec les caractères et les différences; par Charles Linné, première édition française, calquée sur celle de Gmlin [sic; Gmelin], augmentée et enrichie de notions élémentaires, de notes diverses, etc. etc. Par N. Jolyclerc, naturaliste et homme-de-lettres . . . À Paris (Chez Levacher, . . .) An 7 de la République [1798-1799]. Oct. (in fours). (*Crypt. compl.*).
Publ.: "An 7": 22 Sep 1798 – 16 Sep 1799, p. [1]-242,
Copies: FH, MO, NY.

Jones, George Neville (1904-1970), British born American botanist; emigrated to Manitoba, Canada with his parents; Ph. D. Seattle 1937; instructor in biology Harvard 1937-1939; professor of botany, University of Illinois, Urbana, 1939-1970. (*G. N. Jones*).

HERBARIUM and TYPES: ILL; other material at LD, WTU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 262; BFM 1590; BL 1: 219, 220, 303; Bossert p. 200; Desmond p. 350; Hortus 3: 1197 ("G. N. Jones"); IH 2: 328; Kew 3: 186; MW suppl. p. 146; NAF 28B(2): 339, ser. 2. 5: 244; NW p. 50; Roon p. 58; SBC p. 123 ("G. Jones"); SO 129; Zander ed. 10, p. 676.
Anon., Plant Sci. Bull. 16(3): 10. 1970; Rev. bryol. n.s. 1: 216. 1928; Rev. bryol. lichén. 5: 145. 1933, 7: 123. 1934, 9: 156. 1936, 10: 106. 1937; Champaign Urbana Courier F, 26 Jun 1970; Illinois Alumni News Jul 1970: 11; Univ. Ill., news release 26 Jun 1970.
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Payne, W. W. and R. A. Evers, Taxon 20: 597-602. 1971 (portr., bibl. 82 nos.).
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3390. *A botanical survey of the Olympic Peninsula*, Washington . . . Seattle, Washington (published by the University of Washington) 1936. Oct. (*Bot. surv. Olympic Penins.*).
Publ.: 25 Jun 1936 (p. 2), p. [1]-286, errata slip, *pl. 1-9*. *Copies*: NY, US, USDA. – University of Washington publications in Biology no. 5, Jun 1936. – Ph. D. thesis under Theodore Christian Frye (1869-1962).
Facsimile ed.: 1947, Seattle, Washington (id.) 16-mo, s.d., p. [1]-286, *pl. 1-9*. *Copy*: G.
Supplementary notes: Leaflets Western Bot. 2: 105-108. 1938.

3391. *The flowering plants and ferns of Mount Rainier* . . . Seattle, Washington (published by the University of Washington) 1938. (*Fl. pl. Mount Rainier*).
Publ.: 20 Dec 1938 (p. 2), p. [1]-192, *pl. 1-9*. *Copies*: MICH, MO, NY, US, USDA. – University of Washington Publications in Biology, vol. 7, Dec 1938.
Reissue: 1960, facsimile reproduction with original t.p. dated 1938, p. 2: "pages 84 and 121 corrected 1960". New cover.

3392. *Flora of Illinois* containing keys for identification of the flowering plants and ferns. Notre Dame, Ind. (The University Press) 1945. (*Fl. Illinois*).

Ed. 1: Apr 1945 (t.p., but copy at MO rd. 30 Mar 1945), p. [i-vi], 1-317. *Copies*: MO, NY, USDA. – Amer. Midl. Nat. Monogr. 2.
Ed. 2: 1950, Notre Dame, Ind. (id.), p. [i-vi], 1-368. *Copy*: USDA. – Amer. Midl. Nat. Monogr. 5.
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Ref.: Jones, G. N., Amer. Midl. Nat. 34(1): 271-294. 1945 (reply to Fernald).

Jones, Herbert Lyon (1866-1898), American botanist; Harvard AB 1892, instructor in botany Harvard 1895-1897; professor of botany at Oberlin College 1897-1898. (*H. L. Jones*).

HERBARIUM and TYPES: CU.

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Publ.: Mar 1892, p. [1]-102, [1, err.], 1 map. *Copy*: NY. – Bull. Sci. Lab. Denison Univ. 7: 1-102. 1892.

Jones, Rev. John Pike (1790-1857), British clergyman and botanist; DA Cantab. 1813; curate at North Bovey, Devon. (*J. P. Jones*).

HERBARIUM: RAMM.
Ref.: Moyle Rogers, J. Bot. 20: 74. 1882.

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Co-author: John Filmore Kingston (*fl.* 1829).
Publ.: Sep 1829 (p. x: 1 Jun 1829), p. [i]-xlvii, [1]-162; part 2 [no t.p.]: [i]-lxvii, [1]-217, [218, err.]. *Copies*: G, NY.

Jones, Marcus Eugene (1852-1934), America professional plant collector, botanist, explorer and mining consultant in California (*M. E. Jones*).

HERBARIUM and TYPES: POM (100.000). – For the widespread duplicates of his extensive collections see IH.
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Jones, M. E., Desert 2: 21, 25, 68-69, 81, 88. 1930 (methods); Metrospection. Ax-i-dent-ax 1931: 34-42. 1931 (autobiogr.); [87, 10 p. typescript autobiographical notes dictated in the "Spring of 1932" at the request of W. A. Setchell], typescript at UC (inf. D. E. Johnson); Contrib. Western Bot. 18. 1933 (frontisp. portr.).
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Publ.: Jul-Sep 1880 (p. vi: 9 Jun 1880; Nat. Nov. Sep(2) 1880; USDA rd. 20 Oct 1880), p. [i]-viii, [1]-64. *Copy*: USDA. – Preface by Ed. Morren. Supplement to Bull. Fédération Soc. Hort. Belgique 1879, issued as a reprint.

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Publ.: 1882 (pref. 17 Oct 1881), p. [1]-28, [1, gloss.], [1, ind.]. *Copies*: MO, NY, USDA.

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[*1*]: 9 Apr 1891, Zoe 2: [12]-17.
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3: Jan 1893, Zoe 3(4): [283]-309 (USDA rd. 26 Feb 1893).
4: Mai 1893, Zoe 4(1): 22-54, *pl. 25*. (Zoe for Apr 1893, issued Mai 1893).
5: 14 Nov 1893, Zoe 4(3): 254-282.
6: 21 Feb 1894, Zoe 4(4): [366]-369.
7: 3 Oct 1895, Proc. Calif. Acad. ser. 2. 5: [611]-733, p. [i]-vi.
8: 21 Feb 1898, p. [1]-43, [1-2, index].
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11: 10 Apr 1903, p. [1]-22.
12: 26 Mar 1908, p. [1]-100.
13: 20 Jan 1910, p. [1]-87.
14: 29 Jun 1912, p. [1]-52, err. slip.
15: 6 Jun 1929, p. [1]-163.
16: 17 Feb 1930, p. [1]-53.
17: 3 Sep 1930, p. [1]-31.
18: 23 Aug 1933, p. [1]-85; p. 86-157, [158] issued Apr 5 1935; on p. 152-157 biogr. sketch of Jones by Mabel Jones Broaddus, also frontisp. portr.
Copies: MO, NY, SMU, UC (Jepson, complete), USDA.
Imprints of independently publ. *Contributions* (on covers); 8: none; 10: Mammoth Record Print, Robinson, Utah; 11: id.; 12-14: none; 15: Claremont, Cal.; 16: Claremont, Cal.; 17-18: Claremont, California. – Contr. nos. 8-14 were published at Salt Lake City (Broaddus).
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3399. *Revision of north-american species of Astragalus*... Salt Lake City, Utah, 1923. (*Rev. n.-amer. Astragalus*).
Publ.: text 15 Feb 1923, plates 20 Jun 1923 (t.p.), p. [1]-288, index [1-42], 78 figs. on 39 lvs. *Copies*: MO, USDA.

Jones, Sir William (1746-1794), British judge of the Supreme Court, Calcutta (1783-1794); knighted 1793; published on botany and a variety of other subjects. (*W. Jones*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 294; BB p. 169-170; BM 2: 941; Dawson p. 479-480, 678; Desmond p. 351; DNB 30: 174-177; Dryander 3: 178, 202, 648, 649, 5: 20, 103; DTS 3: 576; Kew 3: 191; Lasègue p. 558; NW p. 50; PR ed. 1: 4938; Rehder 5: 436; SO add. 755a; Tucker 1: 375.
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3400. *Botanical observations on select Indian plants*, Asiatic Researches 4: 237-312. 1795.
Publ.: 1795. See Styles (1976, 1977) for an evaluation of the nomenclatural standing of the names used by Jones. See also "A catalogue of Indian plants . . ." Asiat. Res. 4: 229-237. 1795 (1792). To be cited from journal.

Jongmans, Willem Josephus (1878-1957), Dutch palaeobotanist at the Geological Bureau for the mining industry, Heerlen, longtime editor of the *Fossilium catalogus*. (*Jongm.*).

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Boone, W., Hist. bot. W. Virginia 187. 1965.

COMPOSITE WORKS: (1) *Fossilium catalogus* II: *Plantae*, Berlin (W. Junk) (until 1957; parts 1-39); author of parts on Lycopodiales.
(2) with J. W. C. Goethart, *Planten-kaartjes voor Nederland*, afl. 1-25, 1902-1907 (for methods see e.g. Ned. kruidk. Arch. ser. 3. 2: 1068-1073. 1903). For further details see BL 2: 422.

EPONYMY: *Jongmansia* C. Reid & E. M. Reid (1915); *Jongmansis* E. P. Plumstead (1961).

3401. *Ueber Brutkörper bildende Laubmoose*. Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen Fakultät (Sektion ii) der Kgl. Bayer. Ludwig-Maximilians Universität zu München. Vorgelegt von W. J. Jongmans aus Leiden. Typ. F. E. Macdonald, Nymegen [1907]. Oct. (*Brutkörp bild. Laubm.*).
Publ.: 1-22 Feb 1907 (Müller rd. his copy 23 Feb 1907; Bot. Zeit. 1 Mar 1907; Nat. Nov. Mar(1,2) 1907), p. [i, iii], [1]-96. *Copy*: Steere (K. Müller's copy).

3402. *Anleitung zur Bestimmung der Karbonpflanzen West-Europas* mit besonderer Berücksichtigung der in den Niederlanden und den benachbarten Ländern gefundenen oder noch zu erwartenden Arten . . . Freiberg in Sachsen (Kommissionsverlag von Craz & Gerlach (John. Stettner)) s.d. [1911]. Oct. (*Anl. Best. Karbon-Pfl.*).
Band 1: 1911 (p. vii: 1 Mai 1911), p. [i-ix], [1]-482. *Copy*: USGS.
Ref.: H. H. T., J. Bot 50: 97-98. Mai 1912.

3403. *Die palaeobotanische Literatur* bibliographische Übersicht über die Arbeiten aus dem gebiete der Palaeobotanik. Jena (Verlag von Gustav Fischer) Bände 1-3, 1910-1913. Oct. (*Palaeobot. Lit.*).

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3404. *Flora of the Carboniferous of the Netherlands* and adjacent regions . . . vol. 1. A monograph of the Calamites of Western Europe by Dr. R. Kidston, . . . and Dr. W. J. Jongmans . . . 's-Gravenhage 1915-1917, text and atlas. (*Fl. Carbonif. Netherlands*).
Text: 1917, p. [i, iii, v], 1-207; *Atlas*: 1915, p. [i], 1-9, expl. pl., *pl. 1-158. Copies*: USGS; IDC 2572. – Mededeelingen van de Rijksopsporing van Delfstoffen no. 7.
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HERBARIUM and TYPES: U.

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Menyanthaceae, 4(1): 428-430. Jul 1936.
Oenotheraceae, 3(2): 13-34. Jan 1942.
Oxalidaceae, 3(2): 44-48. Jan 1942, 49-55. 1951.
Pontederiaceae, 1(2): 81-90. 1953.
Rhizophoraceae, 3(2): 35-43. Jan 1942.
Triuridaceae, 1(1): 461-466. Jan 1943.

3405. *A monograph of the Burmanniaceae* proefschrift ter verkrijging van den graad van doctor in de wis- en natuurkunde aan de Rijks-Universiteit te Utrecht, op gezag van den rector-magnificus Dr. Th. M. van Leeuwen, hoogleraar in de faculteit der geneeskunde, volgens besluit van den senaat der universiteit tegen de bedenkingen van de faculteit der wis- en natuurkunde te verdedigen op maandag 12 december 1938, des namiddags te drie uur door Fredrik Pieter Jonker geboren te Stad Almelo. Utrecht (Kemink en Zoon N.V. – Over den Dom) 1938. Oct. (*Monogr. Burmann.*).
Publ.: 12 Dec 1938, p. [i-xi], [1]-279, theses [3, loose]. *Copies*: FAS, U.
Other issue: as Mededelingen van het Botanisch Museum en Herbarium van de Rijksuniversiteit Utrecht, no. 51. 1938.

Jonkman, Hendricus Franciscus (*fl.* 1879), Dutch botanist, Ph. D. Utrecht 1879. (*Jonkman*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 941; CSP 10: 351, 16: 139; Jackson p. 152; LS 13305; Rehder 3: 736; TL-2/2460; Tucker 1: 375.
Dörfler, I., Adressbuch 1: 105. 1896, 2: 143. 1902, 3: 202. 1909.
Sirks, M. J., Ind. natuurond. 168. 1915.

3406. *De geslachtsgeneratie der Marattiaceeën.* Proefschrift na machtiging van den Rector-magnificus Mr. J. A. Fruin, . . . volgens besluit van den senaat der Universiteit, op voordracht der wis- en natuurkundige faculteit, ter verkrijging van den graad van doctor in de wis- en natuurkunde aan de Rijks-universiteit te Utrecht, te verdedigen op zaterdag den 12.

Juli 1879, des namiddags te 3 uren,... Druk van de firma L. E. Bosch & Zoon, Utrecht [1879]. Qu. (*Geslachtsgen. Maratt.*).
Publ.: 12 Jul 1879 (Nat. Nov. Sep(2) 1879), p. [i*[, [i]-vi, [7]-63, *pl. 1-4* (uncol. liths. auct.). *Copy*: MO.
French extract: *La génération sexuée des Marattiacées*, p. [1]-26, *pl. 5-7*. *Copy*: MO. – Reprinted from Arch. Néerl. 15: 199-224. 1880.
Ref.: Jonkman, Actes Congr. int. bot. Amsterdam 1877, p. [1]-8 (reprint), Aug 1878; Bot. Zeit. 36: 129-136, 145-153. 1878.

Jónsson, Helgi (1867-1925), Icelandic algologist. (*Jónss.*).

HERBARIUM and TYPES: ICEL; other material B, C, F, L.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 326, 327, 674; CSP 16: 140; Kew 3: 192; TL-2/587; Tucker 1: 375.
Koster, Taxon 18: 554. 1969 (herb. at C).

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EPONYMY: *Jonssonia* S. Lund (1959).

3407. *The marine algae of East Greenland*... Copenhagen (printed by Bianco Luno) 1904. Oct. (*Mar. alg. E. Greenland*).
Publ.: 1904, p. [i], [1]-73. *Copy*: US. – Reprinted from Meddedelser om Grönland 30.

Johnston, Johannes (1603-1675), German physician and botanist. (*Jonst.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 200; Dryander 1:266, 2: 12, 3: 36, 205, 4: 7; Jackson p. 29; Kew 3: 192; Langman p. 400; NI 1007; Plesch p. 284-285; PR 4473-4475; Rehder 5: 437; Sotheby 408, 409; Tucker 1: 375.
Fries, Th. M., Bref Skrifv. Linné 1(2): 132. 1908, 1(4): 94. 1910.
Jourdan, Dict. sci. méd. 5: 363-365. 1822.

3408. *Dendrographias* sive historiae naturalis de arboribus et fruticibus tam nostri quam peregrini orbis libri decem: figuris aeneis adornati... Francofurti ad Moenum (typis Hieronymi Polichii. Sumptibus Haeredum Matthaei Meriani) anno 1662. Fol. (in doubles). (*Dendrogr.*).

Ed. 1: 1662, p. [i-xx], 1-477, [1-30, index], *pl. 1-137* (uncol.). *Copies*: BR, MO, NY.
Ed. 2: 1768, "Ivann. Ionstoni *historiae naturalis de arboribus et plantis libri* x. Tabulis centum trigintaseptem abillo celeberrimo Mathia Meriano aeri incisis ornati..." Franciscus Josephus Eckebrecht bibliopola heilbronnensis 1768, 2 vols. Fol. *Copy*: BR.
1: front., [i], [1]-214, *2*: [i], [1]-265, [1-9, index], *pl. 1-137* (uncol.).
The former Plesch copy had a t.p. dated 1769 and differs in various other respects from the copy at BR.

Jordan, [Claude Thomas] Alexis (1814-1897), French botanist, whose extremely narrow species concept led to "jordanism" and Jordan-species (jordanons) vs. Linnaean species. (*Jord.*).

HERBARIUM and TYPES: Jordan had a private herbarium which he kept at Lyon, and left to Hilarion Joseph Borel. Later it came to the Université libre de Lyon (LY). Kew (K) received a European herbarium made by A. Jordan in 1911 (1225 specimens). Other important sets of Jordan plants are at BM (1800) and P (1000). The manuscripts and original drawings of the *Icones* are the property of the Société botanique de France.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 259, 6(1): 109, 12(3): 32; BM 2: 942; CSP 3: 577-

578, 8: 37, 16: 140; DSB 7: 165-167; Hortus 3: 1197 ("Jord."); IH 2: 331; Jackson p. 97, 117, 226, 274, 285, 429; Kew 3: 192-193; Moebius p. 56; NI 1008; PFC 1: xliv-xlv; Plesch p. 285; PR 4476-4482 (ed. 1: 4945); Rehder 5: 437; SO 906a; TL-2/see Fourreau, J. P., Gilibert, J. E.; Tucker 1: 375-376; Zander ed. 10, p. 676.

Anon., Bot. Not. 1898: 45; Bull. Soc. bot. Deux-Sèvres 1908-1909: *pl. 1.* 1909 (portr.); Bull. Soc. bot. France 23: clxxxvi-clxxxvii. 1876 (on herb.).

Babington, C. C., Mem. Journ. bot. corr. ix, lxx, lxxxviii. 1897.

Breistroffer, C. R., 89 Congr. Soc. Sav. Paris 1965 (on Jordan's nomenclature) (fide Piquemal).

Coquillat, Bull. mens. Soc. Linn. Lyon 15(10): 63-65. 1946 (on J's garden), 16(9): 188-191. 1947 ("l'étrange figure d'Alexis Jordan").

Frison, E., Henri Ferdinand Van Heurck 15. 1959.

Jordan, A., Catalogue de la bibliothèque botanique de feu Alexis Jordan. Paris. Klincksieck, 1903 (see Sotheby 850).

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Magnin, A., Ann. Soc. bot. Lyon 32: 27-29, 63, 129. 1907 (bibl.), 35: 38-39, 67. 1910.

Roux et Colomb, Ann. Soc. Linn. Lyon ser. 2. 54: 181-258. 1908 (main biogr., itin, bibl.).

Saint-Lager, Notice sur Alexis Jordan, Paris 1898, 16 p. (bibl.) (Ann. Soc. bot. Lyon 22: 31-46. 1897).

Viviand-Morel, Lyon horticole et horticulture nouvelle 1907(3): 57-59, 4: 77-78, 7: 137-140, 21: 415-418. (hist. of exp. cult.).

HANDWRITING: Candollea 31: 129-130. 1976; Hoppea 34(2): 419 (no. 5). 1976.

EPONYMY: *Jordania* Boissier & Heldreich (1849). *Note*: *Jordania* Goeppert & Fiedler 1857 is dedicated to Hermann Jordan (1808-1887), German physician and paleontologist; *Jordania* A. Schenk (1880) is dedicated to Wilhelm Jordan (1842-1899), German geographer.

3409. *Observations sur plusieurs plantes nouvelles* rares ou critiques de la France, . . . Premier [-septième] fragment. Paris 1-3: (Maison), Leipzig (T. O. Weigel), 4: Paris (J. B. Baillière), Leipzig (T. O. Weigel), 5-7: Paris (J. B. Baillière). 1846-1849, 7 parts. Oct. (*Observ. pl. nouv.*).

1: Mai 1846, p. [1]-47. *pl. 1-5*; repr. from Ann. Soc. Linn. Lyon 1847: 65-109.
2: Jul 1846, p. [1]-39, *2pl.*; ib. 1847: 111-147.
3: Sep 1846, p. [1]-254, *pl. 1, 1 bis, 2-12*; ib. 1847: 159-408.
4: Nov 1846, p. [1]-37, *pl. 1-2*; ib. 1847: 409-443.
5: Feb 1847, p. [i], [iii], [1]-77, *pl. 1-5*; ib. 1850: 57-130.
6: Apr 1847, p. [i], [iii], [1]-88, *pl. 1-2*, ib. 1850: 131-217.
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Copies: G, M, MO, NY.

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Publ.: Jan.Aug 1852 (Flora 11 Sep 1852), p. [i], [1]-147, [148, index]. *Copies*: G, MO, NY (2), USDA; IDC 753. – Reprinted from: Mém. Acad. Sci. Lyon 1: 212-358. 1851.

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Publ.: 1853 (read 14 Dec 1852), p. [i, iii], [1]-97. *Copy*: WU. – Reprinted from: Mém. Acad. Sci. Lyon 2: 65-161. 1852 (1853). To be cited from journal.

3412. *Mémoire sur l'Aegilops triticoides* et sur les questions d'hybridité, de variabilité spécifique, qui se rattachent à l'histoire de cette plante, . . . Paris (Victor Masson, . . .) 1856. Oct.
Publ.: Aug 1856 (Flora rd. 14 Sep – 14 Oct 1856), p. [i], [1]-69. *Copy*: WU. – Ann. Sci. nat. Bot. ser. 4, 4: 295-361. 1855; see also Bull. Soc. Sci. nat. Neuchatel 4: 162-166. 1856/8. To be cited from journal.
Ref.: Schlechtendal, D. F. L. v., Bot. Zeit. 15: 583-588. 21 Aug 1857.

3413. *Nouveau mémoire sur la question relative aux Aegilops triticoides et speltaeformis*, . . . Paris (J.-B. Baillière, . . .) 1857. Oct.

Publ.: Jan-Mai 1857 (Bot. Zeit. 21 Aug 1857; Flora rd. 28 Jun 1857); p. [i], [1]-81, [82, err.], *1 pl.* (uncol. lith. Cettier). *Copy*: WU. – Reprinted from Ann. Soc. Linn. Lyon 4: 1-82. 1857. To be cited from journal.
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Co-author: Jules Pierre Fourreau (1844-1871).

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Fasc. 2: 1868, publ. in the last monts' of 1868 (Bull. Soc. bot. France 16(bibl.): 23. 1869) p. [i, iii], [1]-137.
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Co-author: Jules Pierre Fourreau (1844-1870).

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2: 1869-1903 (t.p.), p. [i-iii], [1]-52, *pl. 201-354, 355 bis, 337 bis.*
3: 1903 (t.p.), p. [i], [1]-52, *pl. 355-459, 461-500.*
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Vol.	fasc.	pages	*plates*	dates on covers	dates in text
1	1-4	[i*, iii*], [i]-iii	*1-20*	Oct 1866	Oct 1866
		[1]-8	*11-20*	Oct/Nov 1866	
	5-6	9-12	*21-30*	Dec 1866	Dec 1866
	7-8	13-16	*31-40*	Jan 1867	Jan 1867
	9-10	17-20	*41-50*	Feb 1867	Feb 1867
	11-12	21-24	*51-60*	Mar 1867	Mar 1867
	13-14	25-28	*61-70*	Apr 1867	Apr 1867
	15-16	29-32	*71-80*	Mai 1867	Mar 1867
	17-18	33-36	*81-90*	Jun 1867	Jun 1867
	19-20		*91-100*	Jul 1867	
	21-22	37-40	*101-109*	Aug 1867	Aug 1867
	23-24	41-44	*110-120*	Sep 1867	Sep 1867
	25-26	45-48	*121-130*	Oct 1867	Nov 1867
	27-28	49-52	*131-140*	Nov-Dec 1867	Jan 1868
	29-30		*141-150*	Jan-Feb 1868	
	31-32	53-56	*151-160*	Mar-Apr 1868	Mar 1868
	33-34	57-60	*161-170*	Mai-Jun 1868	Jun 1868
	35-36	61-64	*171-180*	Jul-Aug 1868	Sep 1868
	37-38		*181-190*	Sep-Oct 1868	
	39-40	65-71	*191-200*	Nov-Dec 1868	Nov 1868
2	41-42	[1]-4	*201-210*	Jan-Feb 1868	Jan 1868
	43-44	5-8	*211-220*	Mar-Apr 1869	Jan 1869
	45-46	9-12	*221-230*	Mai-Jun 1869	Mai 1869

Vol.	fasc.	pages	*plates*	dates on covers	dates in text
	47-48		*231-240*	Jul-Aug 1869	
	49-50	13-16	*241-250*	Sep-Oct 1869	Sep 1869
	51-52		*251-260*	Nov-Dec 1869	
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	57-	25-40	*281-*		Mar 1903
		41-52	*-354*		Apr 1903
3		1-36	*355-*		Apr 1903
	-100	37-52	*-500*		Mai 1903

Stearn (in SK 4: cxcii) gives some additional information based on contemporary reviews. Vol. 2, pp. 17-24 are listed by him for 1871, pp. 25-52 for Jun 1903 and vol. 3 as a whole also for Jun 1903. – The interruption in the publication was due to the death of Fourreau on 13 Dec 1870 (battle of Nuits). Camille A. Jordan continued the publication in 1903 from p. 25 and *t. 281* of vol. 2 onward. The 501 coloured plates are by the artists: C. Delorme, J. Fourreau, P. Gallaud, A. Mignot.
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Publ.: 1873 (read 28 Aug 1873), p. [1]-23. *Copy*: G. – Reprinted from C. R. Ass. franç. Avanc. Sci. 2: 488-505. 1873, see also Ann. Soc. Linn. Lyon 20: 195-213. 1873. To be cited from journal.

Jordi, Ernst (1899-1933), Swiss botanist. (*Jordi*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: LS 13308-13310, suppl. 13269-13276; Stevenson p. 1246.

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Publ.: 1904 (p. 2: 19 Dec 1903) p. [i-iv], [1]-33. *Copy*: G. – Reprinted from Centralblatt für Bakteriologie 9(24/25), 1904.
Ref.: Klebahn, Bot. Zeit. 62(2): 331-332. 1 Nov 1904.

Josch, Eduard, Ritter von (1799-1874), Austrian botanist, judge at Klagenfurt and Laibach (Ljubljana). (*Josch*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: CSP 3: 580, 8: 40, 12: 373; Kew 3: 193; PR 4483; Rehder 1: 440, 5: 437; Tucker 1: 376.
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Joshua, William (1828-1898), British lichenologist and algologist. (*Joshua*).

HERBARIUM and TYPES: BM – *Microscopical slides of British fresh-water algae* (1880 nos. 1-48, set at BM), and *Microscopical slides of British lichens* (1879 nos. 1-48, set at BM). Drawings of Desmidiaceae at K.

Ref.: Anon., Bot. Zeit. 38: 316. 1880; J. Bot. 18: 128. 1880.
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Wittrock, V. B., Acta Horti Berg. 3(2): 95. 1903.

Josst, Franz (1815-1862), Bohemian gardener from 1841 with Thun-Hohenstein at Tetschen; died from a shooting (hunting) accident. (*Josst*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 944; Kew 3: 196; Langman p. 401; Maiwald p. 214-215; MW p. 219; PR 4484 (ed. 1: 4940); Rehder 3: 662.
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Publ.: 1851, p. [i[-xii, 1-558, [1-17, index], [19-20, err.], *pl. 1-2* (uncol.). *Copy*: BR.

Jourdan, [Claude] Pascal (1835-1881), French botanist. (*Jourd.*).

HERBARIUM and TYPES: P, PC.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 116, 144, 674; BM 2: 945; CSP 8: 43, 16: 150; IH 2: 332; Jackson p. 564 [index]; Kew 3: 196; Rehder 5: 438; Tucker 1: 377.

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Publ.: 1872, p. [i*], front., [i]-vii, [1]-369, [370-371, err.], *pl. 1-12*, uncol. liths. *Copy*: G. – Signatures of 12 and 24 p. alternate.
Ref.: Anon., Bull. Soc. bot. France 19 (bibl.): 199-200. 1873.

Jovet, Paul Albert (1896-x), French botanist, specialized in the flora of W. and S.W. France. (*Jovet*).

HERBARIUM and TYPES: Private; material also at P, PC, RAB.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 100, 104, 115, 130, 201, 674; Bossert p. 201; GR p. 329; IH 2: 333; Kew 3: 197-198; Roon p. 59; TL-2/1250.
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EPONYMY: *Jovetia* M. Guédès (1975).

Jovet-Ast, Suzanne (née Ast, Mrs P. A. Jovet) (1914-x), French bryologist at the Muséum d'histoire naturelle. (*Jovet-Ast*).

HERBARIUM and TYPES: PC; further material RAB.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 201; IH 2: 333; Kew 3: 199; MW suppl. p. 146; Plesch p. 319; Roon p. 59.
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Schuster, R. M., Hep. Anthoc. N. Amer. 63-64. 1966 (bibl.).

EPONYMY: *Jovetastella* P. Tixier (1974).

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Juch, Karl Wilhelm (1774-1821), German botanist at Altdorf. (*Juch*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 948; CSP 3: 587, 8: 44; Jackson p. 200; NI 1011; Plesch p. 285; PR 4509-4510 (ed. 1: 4971-4973); Rehder 5: 439; Sotheby 410; Tucker 1: 377. Z., Dict. Sci. méd. 5: 374. 1822.

EPONYMY: *Juchia* M. J. Roemer (1846).

3422. *Die Giftpflanzen.* Zur Belehrung für Jedermann... Augsburg (Martin Engelbrecht) 1817. (*Giftpflanzen*).

Ed. 1: 1817, 12 Hefte; p. [i-vi], *pl. 1-3* (animals, col.), [1, uncol.], *1-48* (plants, col.) with 49 unpaged lvs. text without signatures. *Copy*: FH (t.p. lacking). Plates by Martin Engelbrecht.
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Juel, Hans Oscar (1863-1931), Swedish botanist at Stockholm and Uppsala, Linnaean scholar; Dr. phil. Uppsala 1889; outstanding cytologist and mycologist. (*Juel*).

HERBARIUM and TYPES: UPS; other material BERN, C, H, LD, S and W.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 123, 322; BJI 2: 86-87; BM 2: 948-949; Bossert p. 201; CSP 16: 154; DTS 3: xliv; Hirsch p. 144; IH 2: 333; Kew 3: 200; KR p. 323-327; Langman p. 401; LS 13409-13431, 35196-35200, suppl. 13328-13338; Moebius p. 106, 349; MW p. 219; Rehder 5: 440; SO 899, 900, 903, 913, 919b, 428, 1008, 1423, add. 1423a, 2983, 3014, 3064, 3529, 3535, 3579; Stevenson p. 1246; TL-2/1879; Tucker 1: 377; Zander ed. 10, p. 676.
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EPONYMY: *Juelia* Asplund (1928).

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Publ.: 1887, p. [1]-28, *pl. 1-3. Copies*: G, U. – Bihang K. Sv. Vet.–Akad. Handl. 12, Afd. 3, no. 5.

3424. *Hemigaster* ein neuer Typus unter den Basidiomyceten... Stockholm (Kungl. Boktryckeriet. P. A. Norstedt & Söner) 1895. Oct. (*Hemigaster*).
Publ.: 1895 (submitted 10 Apr 1895; Nat. Nov. Apr(2). 1897), p. [1]-22, *pl. 1-2. Copy*: U. – Bihang k. Sv. Vet.-Akad. Handl. 21(1) no. 4. – See also Juel, Bot. Centralbl. 61: 87-89. 1895 (preliminary publ.).

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Publ.: 1897 (submitted 12 Mai 1897), p. [1]-30, *pl. 1-4. Copy*: U. – Bihang k. Sv. Vet.-Akad. Handl. 23(3) no. 10.

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Publ.: 1897 (submitted 13 oct. 1897; Nat. Nov. Feb (2) 1899), p. [1]-27, *pl. 1. Copy*: U. – Bihang k. Sv. Vet.-Akad. Handl. 23(3) no. 12. – See also "Berichtigung..." Ark. Bot. 14(1), 1914.

3427. *Vergleichende Untersuchungen* über typische und parthenogenetische Fortpflanzung *bei der Gattung Antennaria*... Stockholm (Kungl. Boktryckeriet. P. A. Norstedt & Söner) 1900. Qu. (*Vergl. unters. Antennaria*).
Publ.: 1900 (submitted 14 Mar 1900), p. [1]-59, *pl. 1-6. Copies*: MO, U, US. – K. Sv. Vet. Akad. Handl. 33(5). 1900.
Preliminary publ.: Bot. Centralbl. 74: 369-372. 1898.

3428. *Pyrrhosorus*, eine neue marine Pilzgattung... Stockholm (Kungl. Boktryckeriet. P. A. Norstedt & Söner) 1901. Oct. (*Pyrrhosorus*).
Publ.: 1901 (submitted 12 Sep 1900; Nat. Nov. Feb(2) 1902), p. [1]-16, *pl. 1. Copy*: U. – Bihang k. Sv. Vet.-Akad. Handl. 26(3) no. 14.

3429. *Taphridium* Lagerh. & Juel eine neue Gattung der Protomycetaceen,... Stockholm (Kungl. Boktryckeriet. P. A. Norstedt & Söner) 1902. Oct. (*Taphridium*).
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3430. *Plantae Thunbergianae*. Ein Verzeichnis der von C. P. Thunberg in Südafrika, Indien und Japan gesammelten und der in seinen Schriften beschriebenen oder erwähnten Pflanzen, sowie von den Exemplaren derselben, die im Herbarium thunbergianum in Upsala aufbewahrt sind;... Uppsala (A.-B. Akademiska Bokhandeln), Leipzig (Otto Karrassowitz) s.d. [1918] Oct. (*Pl. Thunb.*).
Publ.: Jan-Apr 1918 (p. [ii]; J. Bot. Jul 1918; Nat. Nov. Mai 1918), p. [i-ii], frontisp. portr. Thunberg, [iii], [1]-462. *Copies*: M, MICH, MO, NY, US, USDA. – Arbeten utgifna med understöd af Vilhelm Ekmans Universitetsfond, Uppsala, 21.

3431. *Joachim Burser's hortus siccus* mit Erklärungen herausgegeben von H. O. Juel. Nach dem Tode des Verfassers herausgegeben von N. Svedelius... Uppsala (A.-B. Lundequistska Bokhandeln (i distribution)) s.d. [1936]. Oct. (*Burser hort. sicc.*).
Editor: Nils Eberhard Svedelius (1873-1960).
Publ.: 1936 (p. v: Aug 1936). p. [i]-v, [vii], [1]-187, [188], *4 pl.* on 2 lvs. *Copies*: M, also: IDC 1073. – Symbolae botanicae upsaliensis 2: 1. – Preliminary publication: Juel, *Studien in Burser's hortus siccus*, Nova acta regiae Societatis scientiarum upsaliensis, ser. 4. vol. 5. no 7, p. [i]-xvi, [1]-144.

Jüngst, Ludwig Volrad (1804-1880), German botanist at Bielefeld. (*Jüngst*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 949; PR 4512-4514 (ed. 1: 4974-4976); Rehder 5: 440.

3432. *Flora von Bielefeld*, zugleich die Standorte der seltneren Pflanzen im übrigen Westfalen enthaltend,... Bielefeld u. Herford (bei August Helmich) 1837. Duod. (*Fl. Bielefeld*).

Ed. 1: Sep-Dec 1837 (p. xxiv: 16 Aug 1837), p. [i]-xxiv, [1]-358, [1, err.]. *Copies*: B, G, MO, NY.
Ed. 2: 1852 (p. xvii: 25 Mar 1852), p. [i]-xvii, [1]-438. *Copy*: NY. – "*Flora Westfalens* von L. V. Jüngst. Zweite ganz umgearbeitete Auflage der Flora von Bielefeld ec. von demselben

Verfasser." Bielefeld (Verlag von August Helmich). – Nachträge, *in* Bericht a.d. Gymnasium in Bielefeld von Ostern 1855 bis Ostern 1856. (*Fl. Westf.*).
Ed. 3: Mar-Jun 1869 (p. xi: 21 Feb 1869; Flora 20 Jul 1869; Bot. Zeit. 9 Jul 1869), p. [i]-xi, [1]-480. *Copies*: B, G, NY. – "*Flora Westfalens*... Dritte Auflage" Bielefeld (Verlag von August Helmich) Oct.
Ed. 3, reissue: 1884 (Nat. Nov. Jul 1884; Bot. Zeit. 25 Jul 1884), p. [i], [1]-480, *Copy*: B. – "... Dritte Auflage (2. Ausgabe)" Bielefeld (Verlag von August Helmich) s.d.
Ref.: A. G., Bot. Zeit. 11: 849-853, 867-872. Dec 1853 (ed. 2).

Jürgens, Georg Heinrich Bernard (1771-1846), German magistrate at Jever in Oldenburg, Friesian algologist. (*Jürg.*).

HERBARIUM and TYPES: Unknown. Issued: *Algae aquaticae quas in littora Maris Dynastium Jeveranum et Frisiam Orientalem alluentis rejectas*, fasc. 1-20, 1816-1824. Sets at B, BM, C, FH, FH, G, H, HBG, KIEL, L, LD, LE, PAV, PC, ROST, STR. The title refers to the seacoasts of Eastern Frisia and of the "Erbherrschaft Jever", part of old Friesia, later of Oldenburg. *Schedae*: see no. 3433.

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EPONYMY: *Juergensia* K. P. J. Sprengel (1818); *Juergensia* H. G. L. Reichenbach (1841).

3433. *Algae aquaticae* quas, et in littora maris Dynastium Jeveranum et Frisiam orientalem alluentis rejectas, et in harum terrarum aquis habitantes, collegit et exsiccavit Georg Heinrich Bernhard Jürgens, Jeveranus... Wasser Algen aus der Nordwest-Küste Deutschlands, besonders Jever- und Ostfrieslands, und in deren Gewässern gesammelt. Herausgegeben von Georg Heinrich Bernhard Jürgens, Advocat... Gedruckt bey C. L. Mettcker in Jever, und in Commission bei den Gebrüdern Hahn in Hannover, 1816-1824, 20 Hefte (decades). Fol. (*Alg. aquat.*).
Publ.: The text accompanying the above-mentioned exsiccatae consists of four pages per Heft, p. [i] t.p., p. [iii-iv] the descriptions. For further details see Sayre who saw copies at FH, L, PC and STR. We saw, in addition, a set of the text of fasc. 1-16 at Regensburg and G.
Ref.: Sayre, G., Mem. New York Bot. Gard. 19(1): 82-83. 1969.

Juge de Saint Martin, Jacques Joseph (1743-1824), French botanist at Limoges; agricultural administrator for the Haute-Vienne. (*Juge St. Mart.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 949; PR 4515 (ed. 1: 4977-4978); Rehder 5: 440.
Anon., Bull. Linn., Paris 1: 9. 1824, 4(6): cxxiii. 1826.
Thiébaut, Mem. Soc. Linn. Paris 3(6): 507-517. 1825.

3434. *Notice des arbres et arbustes*, qui croissent naturellement, ou qui peuvent être élevés en pleine terre dans le Limousin... A Limoges (Chez Jacques Farne, ...) 1790. Oct. (in fours). (*Not. arbr. arbust.*).
Publ.: 1790 (p. 309: 14 Jun 1789, privilège), p. [i]-xv, 1-309, [310-311, err.]. *Copies*: G, USDA.

Juhlin-Dannfelt, Herman Julius Brorson (1852-1937), Swedish diatomologist and agronomist at the Ultuna agricultural college, from 1902-1918 secretary of the Lantbruksakademien (agricultural academy). (*Juhl.-Dannf.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BJI 1: 30; BM 2: 949; CSP 10: 363; Kew 3: 200; KR p. 327-328.
Anon., Sv. man och kvinnor 4: 128. 1948.

Hansson, K. Landtbr. Akad. Handl. 76: 753-758. 1937 (n.v.).
Wittrock, V. B., Acta horti Berg. 3(2): 44. 1903, 3(3): 18-19. 1905.

3435. *On the diatoms of the Baltic Sea* ... Stockholm Kongl. Boktryckeriet, P. A. Norstedt & Söner) 1882. Oct. (*Diatoms Baltic Sea*).
Publ.: 27 Mai 1882 (submitted 8 Feb 1882; Nat. Nov. Jul(3) 1882; Bot. Zeit. 29 Sep 1882), p. [1]-52, *pl. 1-4. Copies*: FH, NY, U. – Bihang K. Sv. Vet. Akad. Handl. 6(21). Also issued (n.v.) with title page as dissertation, to be defended 27 Mai 1882.

Juillard-Hartmann, G. (*fl.* 1919), French mycologist. (*Juill.-Hartm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kew 3: 200; LS suppl. 13341.

3436. *Iconographie des champignons supérieurs* ... Épinal (Vosges) (en vente chez Juillard & Fils, ...) s.d. [1919], 5 vols. (*Icon. champ. sup.*).

1: [i-xii], *pl. 1-50*, colour-printed, with text.
2: [i-xiii], *pl. 51-100*, id.
3: [i-ix], *pl. 101-150*, id.
4: [i-ix], *pl. 151-200*, id.
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It is questionable whether all volumes were published in 1919. The title-pages are not dated; the preface, dated Jun 1919, is repeated in each volume. – *Copy*: FH (rd. 16 Feb 1925).

Julien, Alfred Cyprien (x-1902), French military veterinarian and botanist. (*Julien*).

HERBARIUM and TYPES: G, LY, P, PC.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 589; BL 1: 19; IH 2: 333; Kew 3: 201; Rehder 5: 440.
Maire, R., Progr. connaiss. bot. Algérie 150. 1931.

3437. *Flore de la région de Constantine* comprenant la description succincte des caractères botaniques des plantes de la contrée de leur propriétés et leurs usages chez les Européens et chez les indigènes ... Constantine (Imprimerie a vapeur Louis Marle (Nicolas Audrino, gérant)). 1894. Oct. (*Fl. Constantine*).
Publ.: Mai-Jun 1894 (p. iii: 17 Apr 1894; Bot. Zeit. 16 Jan 1895; Nat. Nov. Jul(2) 1894), p. [i, iii], [1]-332. *Copies:* G, USDA. – *Preface* by Jules Aimé Battandier (1848-1922) and Louis Charles Trabut (1853-1929).

Jumelle, Henri (Lucien) (1866-1935), French botanist; pupil of Bonnier; plant physiologist at Paris 1887-1894; later at Marseille; ultimately director of the Musée colonial. (*Jumelle*).

HERBARIUM and TYPES: Some material at B, K and P.
Ref.: Hepper, F. N. and F. Neate, Pl. coll. W. Africa 43. 1971.

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 35, 37, 43, 97, 99, 303; BM 2: 950; CSP 16: 152; GF p. 330; Hortus 3: 1197 ("Jumelle"); IH 2: 334; Kew 3: 201-202; Langman p. 401-402; LS 13438-13444; Moebius p. 236; MW p. 219-220, suppl. p. 146; Rehder 5: 440; Tucker 1: 378.
Choux, Ann. Mus. colon. Marseille 44(2): 1-84. 1936 (portr., bibl.).
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 169-170. 1947.

EPONYMY: *Jumellea* Schlechter (1914); *Jumelleanthus* Hochreutiner (1924).

Jundzill, Jozef (x-1877), Polish botanist at Wilna. (*J. Jundz.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 950; Bossert p. 201; Kew 3: 202; LS 13447-13449; PR 4519; SO 618; TR 618.
Bourdeille, Bull. Soc. Natur. Moscou ser. 2. 6: 368. 1893, 7: 493. 1894, 14: 490. 1900.
Trimen, H., J. Bot. 15: 224. 1877.

EPONYMY: The etymology of *Jundzillia* Raciborski ex Čelakovský (1893) could not be established.

3438. *Opisanie róslin* w. Litwie, na Wolynia, Podolu, i Ukrainie dziko rosnacych, iako, oswoionych podług wydania szesnastego ukladu róslin linneusza; przez Józefa Jundzilla, . . . Wilno (Józef Zawadzki wlasnym nakladem) 1830. Oct. (in fours). (*Opisan. rósl.*).
Publ.: 18030, p. [i]-xii, [1]-504, [1, err.]. *Copy*: NY. – A "flora lithuanica".

Jundzill, Stanislaw Bonifacy (1761-1847), Polish botanist at Wilna. (*S. B. Jundz.*).

HERBARIUM and TYPES: KRAM.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 220, 5(4): 231, 6(1): 53: BM 2: 950; Bossert p. 201; IH 2: 334; PR 4520-4521; Rehder 5: 440; TL-2/ see Besser, W. S. J. G.; TR 617; Tucker 1: 378.
Lindemann, Bull. Soc. Natur. Moscou 59(1): 308-309. 1884.
Oleszakowa, Stud. Mater. Dziejow Nauki Polsk. B. 21: 83-114. 1971 (on corr. with Besser). *n.v.*

3439. *Opisanie roślin* w prowincyi w.x.l. naturalnie rosnacych wedlug uklada Linnaeusza przez X. B.S. Judzilla s.p. w. wilnie 1791 w. Drukarni I.K. Mci I Rzplitey U xx: Piarow. Oct. (*Opisan. rośl.*).

Ed. 1: 1791, p. [i-vii], [1]-571, [1-14, index]. *Copy*: NY.
Ed. 2: 1811, 333 p. (n.v.).

Jung, Joachim [Jungius] (1587-1657), German physician and botanist at Hamburg. (*J. Jung*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 263; BM 2: 950; Bossert p. 201; Kew 3: 202; PR 4523-4525, (ed. 1: 4990-4992); Rehder 5: 440; Tucker 1: 378.
Harvey-Gibson, R. J., Outlines hist. bot. 27, 28, 35, 41, 42, 53, 72. 1914.
Meyer, A., ed., Beiträge zur Jungius-Forschung. Hamburg 1929, 120 p. (bibl. by J. Lemcke, p. 88-93).
Guhrauer, Hist. pal. act. 23: 812-822.
Kangro, H., Joachim Jungius' Experimenten und Gedanken zur Begründung der Chemie als Wissenschaft. Wiesbaden 1968; *in* Gillispie, DSB 7: 193-196. 1973 (bibl., extensive references to sources, biographies and studies, not repeated here).

EPONYMY: *Jungia* Heister ex Fabricius (1759); *Jungia* Boehmer (1760); *Jungia* Linnaeus f. (1781); *Jungia* J. Gaertner (1788). – Jungiusstrasse, Hamburg.

POSTAGE STAMPS: D.D.R. 5 p. (1957) yv. 299.

Jung, W. (*fl.* 1832), German botanist in Nassau. (*W. Jung*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 950; PR 4526 (ed. 1: 4993); Rehder 1: 378, 5: 440.
Fischer-Benzon, R. J. D. von *in* P., Prahl, Krit. Fl. Schleswig-Holstein 2: 27-28. 1890.

3440. *Flora des Herzogthums Nassau*, oder Verzeichniss der in dem Herzogthum Nassau wildwachsenden Gewächse, zugleich ein Leitfaden beim Unterricht auf Gymnasien und

Pädagogien, von W. Jung. Hadamar und Weilburg, (Druck und Verlag von L. C. Lanz. Firma: Neue Gelehrten-Buchhandlung) 1832. Oct. (*Fl. Nassau*).
Publ.: 1832 (p. xii: Dec 1831), p. [i]-xxiv, [1], [1]-524. *Copies*: B, G, NY.
Ref.: Anon., Lit. Ber. Flora 3: 23-27. 7 Mar 1833.

Jungck, Max (1849-?), German high school teacher and botanist at Gleiwitz. (*Jungck*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 263; BM 2: 950.

3441. *Flora von Gleiwitz und Umgegend* (I. Teil). Einleitung und Kryptogamen. Wissenschaftliche Beilage zum Programm der Ober-Realschule pro 1888/89... Gleiwitz (Neumann's Stadtbuchdruckerei) 1889. Oct. (in fours). (*Fl. Gleiwitz*).

1. Teil: 1889 (Bot. Zeit. 25 Oct 1889; Nat. Nov. Sep(1) 1889), p. [i*], [i]-x, [1]-142.
2. Teil: 1890 (Nat. Nov. Jul(1) 1890), p. 1-58.
3. Teil: 1891 (Bot. Zeit. 29 Jan 1892; Nat. Nov. Jun(2) 1891), p. 1-43.
Copy: B.

Junge, Paul (1881-1919), German botanist, at Hamburg. (*Junge*).

HERBARIUM and TYPES: Material at C and STU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 263; BFM 30, 1230; BL 2: 52, 405, 674; DTS 6(4): 158; IH 2: 334; Kew 3: 202, Tucker 1: 776.
Christiansen, Heimat 30: 103-104. 1920.

3442. *Die Cyperaceae Schleswig-Holsteins* einschliesslich des Gebiets der freien und Hansestädte Hamburg und Lübeck und des Fürstentums Lübeck... Hamburg (Kommissionsverlag von Lucas Gräfe & Sillem) 1908. Oct. (*Cyper. Schlesw.-Holst.*).
Publ.: Dec 1908 (p. 277; 21 Oct 1908; Nat. Nov. Feb (1) 1909), p. [i, t. p. reprint], [125]-277. *Copy*: B. – Reprinted from Jahrbuch der Hamburgischen wissenschaftlichen Anstalten vol. 25, 1907, 3. Beiheft: Arbeiten der Botanischen Staatsinstitute.

3443. *Schul- und Exkursionsflora von Hamburg-Altona-Harburg* und Umgegend... Hamburg (Lucas Gräfe & Sillem (Edmund Sillem)) 1909. Oct. (*Schul.-Exkursfl. Hamburg*).
Publ.: Mai 1909 (p. vii: Mar 1909; Nat. Nov. Jun (1) 1909) p. [i]-xii, [1]-286. *Copy*: B.

3444. *Die Pteridophyten Schleswig-Holsteins* einschliesslich des Gebietes der freien und Hansestädte Hamburg (nördlich der Elbe) und Lübeck und des Fürstentums Lübeck... Hamburg (Kommissionsverlag von Lucas Gräfe & Sillem) 1910. Oct. (*Pteridoph. Schlesw.-Holst.*).
Publ.: Jan-Feb 1910 (p. 245: [mss] eingegangen 28 Oct 1910; Nat. Nov. Mar (1) 1911), p. [i], [49]-245. *Copy*: U. – Reprinted from Jahrb. Hamb. wiss. Anst. 27, 1909, Beiheft 3.

3445. *Die Gramineen Schleswig-Holsteins* einschliesslich des Gebiets der freien und Hansestädte Hamburg und Lübeck und des Fürstentums Lübeck... Hamburg (Kommissionsverlag von Lucas Gräfe & Sillem) 1913. Oct. (*Gramin. Schlesw.-Holst.*).
Publ.: 1913 (p. 102: Mar 1913; Nat. Nov. Dec (2) 1913), p. [i, t.p. reprint], [101]-330, 2 maps. *Copies*: B, US. – Reprinted from Jahrb. Hamb. wiss. Anst. 30, 1912, Beiheft 3.

Junghans, Philipp Kaspar (1738-1797), German botanist at Halle. (*Junghans*).

HERBARIUM and TYPES: Unknown. According to S. Rauschert (in lit.) Junghans is not known to have made a herbarium.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 263; BM 2: 951; Bossert p. 201; Dryander 3: 121; Jackson p. 112, 427; Kew 3: 203; NI 1012-1013; PR 4532-4534 (ed. 1: 5000-5002); Rehder 5: 441.
Hulth, J. M., Bref Skrifv. Linné 2(1): 140, 141. 1916.

Jourdan, Dict. sci. méd. 5: 377. 1822.
Kraus, G., Bot. Garten Halle 1: 11-19, 52-63. 1888 (portr.).
Kümmel, Hercynia ser. 2. 10: 374-383. 1973.

EPONYMY: *Junghansia* J. F. Gmelin (1791).

3446. Philippi Caspari Junghans, ... *Icones plantarum ad vitam impressae* Centuria I. Halae Salicae [Halle] (Typis Frider. Guil. Michaelis, prostant venales apud auctorum et in taberna libraria orphanotrophei) 1787. Fol. (*Icon. pl.*).
Publ.: In parts from Easter 1787 onward. Contents and dates of these parts are as yet unknown. In all 68 plates were issued; we have seen only an incomplete copy (NY): p. [i-iv], *pl. 1-12*, watercolours on faint copper outlines.
Reissue: 1792 as *Icones plantarum rariorum*. (n.v.) The remaining plates were later sold by auction.

3447. *Icones plantarum officinalium* ad vitam impressae. Centuria 1. Halae Salicae [Halle] (Typis Frider. Guil. Michaelis. Prostant venales apud auctorum et in taberna libraria orphanotrophei) 1787. (*Icon. pl. off.*).
Publ.: 1787, in parts, contents unknown, *pl. 1-37*. (n.v.).

Junghuhn, Franz Wilhelm (1809-1864), German botanist and traveller. (*Jungh.*).

HERBARIUM and TYPES: L. Duplicates in many herbaria. The type-specimens of the *Plantae Junghuhnianae* of Miquel (see under that name) are all at L (received from the Botanical Society of the Netherlands). The types of J's *Observationes mycologicae*, Linnaea 5: 388-410. Jul 1830, are in HAL (through Schlechtendal) (see Schmid 1929).
Ref.: Anon., Flora 49: 493. 1866 (herb. to L).
Schmid, Z. Pilzkunde 13(1): 3-10. 1929.
Sayre, G., Mem. New York Bot. Gard. 19(3): 349. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 296; Barnhart 2: 263; BL 1: 107, 112, 303; BM 2: 951; Bossert p. 201; CSP 3: 592, 8: 47; Frank 3(Anh.): 48; GR p. 93; Hortus 3: 1197 ("Jungh."); IF p. 708; IH 2: 334; Jackson p. 117, 396, 397; JW 1: 444, 2: 193, 3: 355, 4: 392, 5: 243; Kew 3: 203; Langman p. 402; Lasègue p. 495, 506; LS 13451-13458, 35125; MW p. 220; NI suppl. (alph.); PR 4535-4537 (ed. 1: 5003-5006); Quenstedt p. 226; Rehder 5: 441; SBC p. 124 ("Jungh."); SK 1: 267-269; TL-2/2077; Tucker 1: 378-379; Urban-Berl. p. 288, 303.
Anon., Bot. Not. 1888: 206; Bull. Soc. bot. France 11(bibl.): 190. 1864; Flora 47: 348, 474-480. 1864, Bot. Zeit. 22: 184. 1864.
De Wit, H. C. D., *in* C. G. G. J. van Steenis, Fl. males. ser. 1. 4(2): ciii. 1949 (portr.).
Embacher, F., Lexik. Reisen 159-160. 1882.
Junghuhn, F. W., Licht- en schaduwbeelden uit de binnenlanden van Java. ed. 5, 1867, iv 444 p. (portr.); De onuitputtelijke natuur. Amsterdam 1966.
Mägdefrau, K., Gesch. Bot. 104, 268. 1973.
Rochussen, Nat. Tijdschr. Ned. Indië 28: 342-356. 1865.
Schmidt, M. C. P., ed., Franz Junghuhn. Biographische Beiträge zur 100. Wiederkehr seines Geburtstages. Leipzig 1909, xiv, 374 p. (portr., important and original biography).
Schmidt, M. et al., Gedenkboek Franz Junghuhn 1809-1909. 's Gravenhage 1910 (with main bibl. by Muller).
Seemann, B., J. Bot. 2: 255. 1864.
Sirks, M. J., Ind. natuurond. 141-153. 1915. (portr.).
Stafleu, F. A., Wentia 16: 26, 28. 1966; Regnum veg. 71: 338. 1970 (Miquel-Schlechtendal corr.).
Veendorp, H. & L. G. M. Baas-Becking, Hortus acad. lugd. bat. 1587-1937: 151, 169. 1938.
Wichmann, Petermanns geogr. Mitt. 55: 297-300. 1909 (portr.).
Zuchold, E. A., Jahresb. nat. ver. Halle 5: 27. 1853.

COMPOSITE WORKS: For *Plantae Junghuhnianae* see under F. A. W. Miquel.

HANDWRITING: Steenis-Kruseman, M. J. van, Fl. Males. ser. 1. 1: cl. 1950.

EPONYMY: *Junghuhnia* Corda (1842); *Junghuhnia* Miquel (1859); *Junghuhnites* Goeppert (1854); *Neojunghuhnia* Koorders (1909).

3448. *Praemissa in floram cryptogamicam Javae insulae.* Fasc. i. Continet enumerationem fungorum, quos in excursionibus per diversas Javae regiones hucusque observavit Franciscus Junghuhnius s.l.n.d. [Batavia 1838]. Oct.†. (*Praem. fl. crypt. Java*).
Fasc. 1: 1838 (all published), published separately, in advance, from *Verh. Batav. Genootsch.* 17(2): 1-86, *pl. 1-15*. Part 17(2) of the Verhandelingen has no title-page, but several of the articles contained in it have individual title-pages dated 1838 (pp. 137, 159). It is therefore reasonable to assume that Junghuhn's article which is undated and which precedes these other articles was also published in 1838. Montagne gives the date 1838. *Preprint*: [1]-86, *pl. 1-15* (col. liths.). *Copies*: G, NY; IDC 5981. – *Copy* of journal publ.: Stevenson.
Ref.: Montagne, C., Ann. Sci. nat. Bot. ser. 2. 16: 306-320. 1841.

3449. *Nova genera et species plantarum florae Javanicae*, Tydschr. nat. Gesch. Physiol. 7: 285-317, *pl. 8.* 1840. Oct.
Publ.: Nov 1840; reprint with orig. p. [285]-317. *Copy*: U. – To be cited from journal.

3450. *Über Javan'sche Balanophoreen*, Nova Acta Leop. 18, suppl. 1: [201]-228. 18141. Qu.
Publ.: 1841. *Copy*: KNAW. – To be cited from journal.

3451. *Topographische und naturwissenschaftliche Reisen durch Java*, von Dr. Friedrich [sic] Junghuhn, . . . zum Druck befördert und bevorwortet durch Dr. C. G. Nees von Esenbeck . . mit einem aus 38 Tafeln und 2 Höhenkarten bestehenden Atlasse. Magdeburg (Emil Baensch), Rotterdam (A. Baedeker), Amsterdam (J. Müller) 1845. Oct. (*Reis. Java*).
Publ.: Jan 1845, p. [i]-x, [1]-518, [2, err.]. *Copies* KNAW, U.
Atlas: "*Topographischer und naturwissenschaftlicher Atlas* zur Reise durch Java . . . enthaltend 38 lithographirte Tafeln und 2 Höhen-Karten," Magdeburg (Emil Baensch) 1845, oblong Qu., p. [i, t.p.], [4, expl. pl.], *pl. 1-11*, *11b*, *12-37*, 2 maps. *Copies*: KNAW.
Ref.: K.M., Bot Zeit. 3: 588 passim. 1845 (extensive reviews), English translation Ann. Mag. nat. Hist. 16: 329-332, 462-466. 1845, 17: 46-48, 469-476. 1846.

3452. *Java*, deszelfs gedaante, bekleeding en inwendige structuur. Amsterdam (P. N. van Kampen) 1850-1854, 4 vols. Oct. (*Java*).

Orig. ed.: For the very involved and sometimes even confused bibliography see Muller in Schmidt (1910). The KNAW copy in original covers has the original first livraison (P. N. van Kampen), p. 1-123, which was to be substituted by a new "aflevering" (livraison) 1 of the second edition with the pagination 1-176. Part 11* of this copy has an imprint Mieling and is dated '1854' with pagination [125]-188, rather than 177-240, followed by 241-368. The new livraison 1 was issued in 1852, p. 1-176, with the imprint P. N. van Kampen. It served at the same time as livraison 1 for ed. 2, with the imprint Mieling. This part, although dated 1852, came out in 1853.

Aflevering	volume	afdeling	pages	dates
1	1	1	lith. t.p., [i]-[vi], 9-123	Mar 1850
2	2	2	[1]-120	Mar 1850
3	2	2	[1], 121-264	Jul 1850
4	2	2	265-408	Sep 1850
5	2	2	409-506	Nov 1850
6	3	2	[507]-666	Jan 1851
7	3	2	667-906	Mar 1851
8	3	2	907-1227	Jun 1851
9	3	2	[1229]-1455	Feb 1852
10	4	3	[1]-292	Apr 1852
11*	1	1	[125]-188, 241-368	1854
12	1	1	[369]-671	Jul 1853
13	4	3	[293]-494	Mai 1854
13	2	2	[i]-viii	Mai 1854

Aflevering	volume	afdeling	pages	dates
13	3	2	[i]-xii (cont.)	Mai 1854
13	4	3	[i]-viii (cont.)	Mai 1854

Atlas van platen bevattende elf pittoreske gezigten, s.l.n.d. [1854], eleven coloured plates by Junghuhn, lithographed by Mieling. The lists of plates in vol. 1, p. 667 mention twelve plates but one of them, the G. Lamongan, is the frontispiece to vol. 1 itself. Various printings exist because two different spellings appear of Gunung (mountain) (Goenoeng).

Second edition: 1853-1854, 's Gravenhage (C. W. Mieling), "tweede verbeterde uitgave."
1: 1853 (t.p.), front., lith. t.p., [i]-viii, [1]-671.
2: 1854 (t.p.), front., lith. t.p., [i]-xii, [1]-538.
3: 1854 (t.p.), lith. t.p., [539]-1432.
4: 1854 (t.p.), lith. t.p., [i]-xii, [1]-538.
Copy: U. – The first "aflevering" of this second edition also exists with the imprint P.N. van Kampen 1852, p. 1-176.

German translation: "*Java*, seine Gestalt, Pflanzendecke und innere Bauart. Von Franz Junghuhn. Nach der zweiten, verbesserten Auflage des holländischen Originals in's Deutsche übertragen von J. K. Hasskarl." Leipzig (Arnoldische Buchhandlung) 1852-1854. Oct.
Orig. issue. Vol. 1: 1852, front., p. [1]-483, [i]-vi.
Vol. 2: 1854, p. [i]-xii, [1]-964.
Vol. 3: 1854, p. [i]-x, [1]-316, 6 maps.
Copies: U. – Announced as published, complete in 3 vols, Bonplandia 1 Dec 1853 ("soeben").
Reissue: Leipzig (id), 1857, 3 vols., substitute title pages only. *Copies*: G.
Atlas: "*Elf Landschafts-Ansichten von Java* nach der Natur gezeichnet..." Leipzig (id.), 1853, *n.v.* Also issued as "*Java-Album*. Landschafts-Ansichten von Java nach der Natur aufgenommen..." Leipzig (id.) 1855 [1856], *n.v.*
Ref.: Schmidt, M. et al., Gedenkboek Franz Junghuhn 1809-1909. 's Gravenhage 1910 (with bibl. by Muller).

3452. *Terugreis van Java naar Europa*, met de zoogenaamde Engelsche overlandpost, in de maanden September en October, 1848... Zaltbommel (Joh. Noman en Zoon) 1851. Oct. (*Terugreis*).
Publ.: 1851 (p. 127; Jan 1851), p. [i, iii], [1]-127, err. [1]-2, 2 fold-out plates and *pl. 16-20*.
Copy: L.

Jungk, Christian Ludwig (fl. 1807), German physician, pupil of K. P. J. Sprengel (*Jungk*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 263; PR 4527 (ed. 1: 4994); Rehder 5: 441. Kraus, G., der Botanische Garten der Universität Halle 2: 35. 1894.

3454. *Observationes botanicae in floram Halensem*. Halle (formis F. A. Grunerti patt.) 1807. Oct. (*Observ. bot. fl. Hal.*).
Publ.: 11 Apr 1807 (date of "promotion"), 26 p. "Liber omnino quadrat cum Sprengelii mantissa prima Florae Halensis [TL-1 no. 1260] praeter non additam novarum specierum centuriam (PR); "...besteht aus nichts anderem, als aus den in Sprengel's Mantissa prima in demselben Jahre unter gleicher Kopf-Ueberschrift veröffentlichten 26 ersten Seiten, denen Sprengel dann für die Mantissa noch eine Centurie neuer Pflanzen seines Herbariums anhing" (Schlechtendal). The publication by Junk has priority over that by Schlechtendal himself in the Mantissa (4 Jul 1807). We have seen no copy of the original dissertation.
Ref.: PR 4527; IDC 5749 (sub Sprengel).
Schrader, Neues J. Bot. 3: 194-198. 1809.
Schlechtendal, D. F. L. v., Bot. Zeit. 15: 519. 1857.

Jurányi, Lajos [Ludwig] (1837-1897), Hungarian botanist. (*Jurányi*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 263; BM 2: 951; Bossert p. 202; CSP 8: 48, 10: 367, 12: 375, 16: 165-166; De Toni 1: lxviii; Frank 3(Anh.): 48; Jackson p. 149; Kanitz 320; NAF 11(1): 90; Rehder 5: 441; Tucker 1: 379.
Anon., Bot. Not. 1898: 45; Bot. Gaz. 23(5): 392. 1897; Bot. Zeit. 55(2): 112. 1897.
Mágócsy-Dietz, Magy. Akad. Ekhűnyt Tagjai Fölött Tartott Emlékb. 10: 269-360. 1901 (reprint p. 1-32; portr., bibl.).

PORTRAITS: See Bossert p. 202 and Mágócsy-Dietz (1901).

EPONYMY: *Juranyia* Tuzson (1908); *Juranyiella* T. Hortobágyi (1962).

3455. *A Salvinia natans* Hoffm. *spóráinak kifejlődéséről*... Budapest (Eggenbegger-Féle Akda. Könyvkereskedés...) 1873. Oct. (*Salvinia natans*).
Publ.: 1873 (after 17 Feb), p. [1]-23, *pl. 1-2* (uncol. liths.). *Copy*: MO. – Reprinted from Értekezések a természet tudományok köréből... iv. kötet. iii. szám. 1873.
German version: Dec 1873 ("soeben" Bot. Zeit. 12 Dec 1873), p. [1]-20, *pl. 1-2* (id.). *Copy*: MO. – "*Ueber die Entwickelung der Sporangien und Sporen der Salvinia natans*..." Berlin (R. Friedländer & Sohn) 1873. Oct.
Ref.: G. K., Bot. Zeit. 32: 30. 9 Jun 1874.

Juratzka, Jakob (1821-1878), Austro-Hungarian, Moravia-born, bryologist and "Oberingenieur der Dicasterialgebäude-Direction" [direction of the law-courts] in Vienna. (*Jur.*).

HERBARIUM and TYPES: W. – For further collections and duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(2): 73, 542; Barnhart 2: 264; BM 2: 951; Bossert p. 202; CSP 3: 593, 8: 48, 10: 367; DTS 1: 134-136, 6(4): 46; IH 2: 335; Kanitz 265; Kew 3: 203; Klašterský p. 102; LS 13462a-13462b; Maiwald p. 235; SBC p. 124 ("Jur."); Zander ed. 10, p. 676.
Anon., Botanik und Zoologie in Oesterreich 1850-1900. Wien 1901 (portr.); Bot. Not. 1879: 31; Hedwigia 17: 176. 1878; Flora 61: 544. 1878; Bot. Zeit. 37: 96. 1879; Oesterr. bot. Z. 23: 1-4. 1873 (portr.), 28: 413. 1878; Rev. bryol. 6: 16. 1879.
Beck, G., Vegetationsverh. Illyr. Länder 36. 1901 (Veg. Erde 4).
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Dolezal, H., Friedrich Welwitsch 117. 1974.
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3456. *Die Laubmoosflora von Oesterreich-Ungarn.* Handschriftlicher Nachlass Jakob Juratzka's enthaltend die Beschreibung der in Oesterreich-Ungarn wachsenden Laubmoose mit Ausnahme der Leskeaceae, Hypnaceae, der Andreaeaceae und der Sphagnaceae. Zusammengestellt von J. Breidler und J. B. Förster. Herausgegeben von der k.k. zoologisch-botanischen Gesellschaft in Wien. Mit dem Bildnisse Juratzka's. Wien (W. Braumüller), Leipzig (F. A. Brockhaus) 1882. Oct. (*Laubm.-Fl. Oesterr.-Ung.*).
Editors: Johann Breidler (1828-1913), Johann B. Förster (1843/4-1907).
Publ.: Apr-Jun 1881 (p. viii: Oct 1881; Nat. Nov. Jul 1882; Bot. Zeit. 25 Aug 1882, Flora Aug 1882), frontisp. portr. Juratzka, p. [i]-viii, [1-2, abbr.], [1]-385. *Copies*: G, NY, U.
Ref.: Limpricht, Hedwigia 21: 154-156. Oct 1882.

Jussieu, Adrien Henri Laurent de (1797-1853), French botanist; son of A. L. de Jussieu; professor of botany at the Muséum d'Histoire naturelle 1826. (*Adr. Juss.*).

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(3) Contributed botanical articles to d'Orbigny, *Dict. univ. hist. nat.* signing himself "Ad.J", 13 vols. Paris 1840-1849; also to Bory de Saint-Vincent, *Dict. class hist. nat.*, 16 vols. Paris 1822-1831 (TL-2/669).

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EPONYMY: *Adriana* Gaudichaud-Beaupré (1825).

3457. *De Euphorbiacearum generibus* medicisque earundem viribus tentamen, tabulis aeneis 18 illustratum ... Parisiis (Ex typis Didot junioris, ...) 1824. Qu. (*Euphorb. gen.*).
Publ.: 21 Feb 1824 (BF; presented to Académie on 23 Feb 1824), p. [1]-118, *pl. 1-18*, uncoloured copper engravings of drawings by Jussieu. *Copies*: G, L, M, MICH, MO, NY, USDA; IDC 5982.
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3458. *Mémoires sur les Rutacées*, ou considérations sur ce groupe de plantes, suivies de l'exposition des genres qui les composent, et accompagnées de 16 planches... Paris (Imprimerie de A. Berlin, ...) 1825. Qu. (*Mém. Rutac.*).
Publ.: Dec 1825 (reprint presented to Académie on 2 Jan 1826), p. [i, iii], [1]-160, *pl. 1-15*, [*16*] (*14-29*). *Copies*: M, MICH; IDC 1596, 5135. – Reprinted, with independent pagination, from Mém. Mus. Hist. nat. [Paris] 12: 384-542, *pl. 14-29* (*1-16*). 1825. The 16 uncoloured copper engravings are of drawings by Jussieu. – The publication in the journal bears the title: *Mémoire sur le groupe des Rutacées*, *copies*: G, MO, USDA. – NY has a copy of the reprint with journal pagination preceded by the special t.p. as cited above.

3459. *Monographie du genre Phebalium* [Paris, 1825]. Qu. (*Monogr. Phebalium*).
Publ.: 1825, p. [1]-13, *pl. 1-3* (*10-12*; uncol. engr.). *Copies*: G, MICH, MO, NY, USDA. – Reprinted from Mem. Soc. Hist. nat. Paris 2: [125]-137, *pl. 10-12*. 1825. – The drawings of *pl. 11* and *12* were by Mlle Félicie de Jussieu.

3460. *Mémoire sur le groupe des Méliacées*. [Paris] s.d. [1832]. Qu. (*Mém. Meliac.*).
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3461. *Observations sur quelques plantes du Chili*; ... [Paris 1832]. Oct.
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3462. *Malpighiacearum synopsis*, monographiae mox edendae Prodromus. [Paris] 1840. Oct. (*Malpigh. syn.*).
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3463. *Monographie des Malpighiacées*, ou exposition des caractères de cette famille de plantes, des genres et espèces qui la composent, accompagnée de 23 planches, ... Paris (Gide, libraire, ...) 1843. Qu. (*Monogr. Malpigh.*).

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3464. *Note sur le genre Napoleona*; ... [Paris (Imprimerie de Bourgogne et Martinet) 1884]. Qu.
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3465. *Note sur la famille des Pénaeacées* ... [Paris 1846] Oct.
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3466. *Taxonomie*. Coup d'oeil sur l'histoire et les principes des classifications botaniques, ... Paris (Rue de Bussy, 6) 1848. Qu. (*Taxonomie*).

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3467. *Traité des vertus des plantes*, ouvrage posthume de M. Antoine de Jussieu, ... Edité & augmenté d'un grand nombre de notes de M. Gandoger de Foigny, ... A Nancy (Chez Hiacinthe Leclerc) 1771. Duod. (*Traité vert. pl.*).

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Jussieu, Antoine Laurent de (1748-1836), French botanist at the Muséum d'Histoire naturelle; most forceful early promoter of the "natural system." (*Juss.*).

HERBARIUM and TYPES: P-JU. – For a description of the herbarium (microfiche IDC 6202) and a general commentary on Jussieu's earlier work see Stafleu (1964), for a general commentary on "les cinq Jussieu" see Lacroix (1941). See Sotheby for a mss. catalogue of 1781. Much manuscript material is at P.

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NOTE: A. L. de Jussieu published a long series of fundamental papers on natural relationship and the taxonomy of many taxa in the Annales and Mémoires du Museum d'Histoire naturelle, Paris, between 1802-1820. Reprints of the earlier papers are usually simple reprints with original pagination or tearsheets from the regular journal issues. For lists of these reprints see e.g. CSP and PR.

HANDWRITING: See two facsimiles of letters from 1789 and 1833 in Ann. Sci. nat. Bot. ser. 2. 7: 1-20. 1837; also: Candollea 31: 133-134. 1976.

3468. Antonii Laurentii de Jussieu . . . *Genera plantarum* secundum ordines naturales disposita, juxta methodum in horto regio parisiensi exaratum, anno m.d.cc.lxxiv. Parisiis (apud Viduam Herissant, typographum, . . . et Theophilum Barrois, . . .) 1789, Oct. (*Gen. pl.*).
Publ.: 4 Aug 1789 (see Stafleu 1964), p. [(1)]-(24), [i]-lxxii, [1]-498, [1, err.]. *Copies*: FAS, U, US(2), USDA.
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Inscription in Alexander von Humboldt's copy (HL 5055): "Dieses Buch, . . ., hat Bonpland und mich in die Wälder des Orinoco, auf die Cordilleras nach Quito und Popayan und nach Mexico begleitet."

3469. Premier [-treizième] mémoire sur les caractères généraux de familles tirés des graines, et confirmés ou rectifiés par les observations de Gaertner. *Ann.* [*Mém.*] *Mus. Hist. nat.* 5-20, Mém. 2-5. 1804-1830. Qu.

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3		5	417-429	1804
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6		8	170-186	1806
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3470. *Principes de la méthode naturelle des végétaux* . . . (Article extrait du 30.e volume du Dictionnaire des sciences naturelles.) Paris (Chez F. G. Levrault, . . .), Strasbourg (id.). 1824. Oct. (*Princ. méth. nat. vég.*).
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3472. Antonii Laurentii de Jussieu. *Introductio in historiam plantarum.* (Introductionis olim generibus plantarum praemissae editio altera posthuma, aucta et maximâ parte nova). [Paris (Imprimé chez Paul Renouard, . . .) 1837]. Oct. (*Intr. hist. pl.*).
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Jussieu, Bernard de (1699-1777), French botanist, uncle and teacher of A. L. de Jussieu, curator of the Trianon garden. (*B. Juss.*).

HERBARIUM: P-JU. – The Jussieu herbarium is available on microfiche (IDC 6206). Other material at OXF (sent to Sherard).

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EPONYMY: *Bernardia* P. Miller (1754), very probably, commemorates him. See also under Antoine de Jussieu.

3473. *Ordines naturales in Ludovici XV horto trianonensi dispositi anno 1759.*
Publ.: in A. L. Jussieu, Genera plantarum, p. lxiii-lxx. 1789. Manuscript now at Mus. Hist. Nat. Paris (Bibl. Centr.).
Ref.: Stafleu, F. A., Introduction to Jussieu's Genera Plantarum. Weinheim 1964.

Jussieu, Joseph de (1704-1779), French botanist and explorer, brother of Antoine and Bernard de Jussieu. (*J. Juss.*).

HERBARIUM and TYPES: P-JU, other material at C, P. – See microfiche IDC 6202.

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3474. *Description de l'arbre à quinquina* mémoire inédit de Joseph de Jussieu (1737) publié en commémoration centenaire de la marque des 3 cachets par la Société du traitement des quinquinas. Paris-18, rue Malher, 1936. (*Descr. arbre quinquina*).
Publ.: 7 Apr 1936, p. [1]-46, [47, coloph.], with portrait of Ant., Bern. and Jos. Jussieu, and a facsimile of his handwriting. *Copies*: BR, G, MICH.

Just, Theodor Karl (1904-1960), Austrian-born American botanist and palacontologist from 1946 at the Field Museum, Chicago. (*Just*).

HERBARIUM and TYPES: F.

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COMPOSITE WORKS: (1) Founder and editor of *Lloydia*, a quarterly journal of biological science, vols. 1-22, 1938-1959.
(2) Editor of *The American Midland Naturalist* 1930-1947.

Kaalaas, Baard Bastian Larsen (1851-1918), Norwegian bryologist and high school teacher at Oslo. (*Kaal.*).

HERBARIUM and TYPES: BG; further material at O as well as C, H and L.
Ref.: Anon., Sv. bot. Tidskr. 14(1): 96. 1920.

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3475. De distributione hepaticarum in Norvegia. *Levermosernes udbredelse i Norge.* Fortegnelse over de i Norge hidtil iagttagne levermoser med angivelse af deres forekomstmaade, udbredelseskreds og bekjendte voksesteder m.m. ... Kristiania [Oslo] (A. W. Broggers bogtrykkeri) 1893. Oct. (*Leverm. Norge*).

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3477. *Untersuchungen über die Bryophyten in Romsdals Amt* . . . Trondhjem (Aktietrykkeriet) 1911. Oct. (*Bryoph. Romsd.*).
Publ.: 1911 (Nat. Nov. Mar(2) 1912); p. [1]-16. *Copy*: Steere. – K. Norske Vid. Selsk. Skr. 1910(7).

Kabát, Josef Emanuel (1849-1925), Czech mycologist. (*Kab.*)

HERBARIUM and TYPES: PR (12.000). – Exsiccatae: *Fungi imperfecti exsiccati*, Turnau, Bohemia, fasc. 1-18, nos. 1-900, 1903-1915, sets at B (extant), BM, BPI, C, DBN, FH, H, OS, PAV, PRC, PRE, W, WIS. (co-author: Frantisek Bubák, 1865-1925).
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EPONYMY: *Kabatia* F. Bubák (1904); *Kabatiella* F. Bubák (1907); *Kabatina* R. Schneider & J. A. von Arx (1966).

Kabath, Hermann (1816-1888), German clergyman and botanist; "fürstbischöflicher Registratur-Assistent in Breslau", "auch ich danke dem kenntnissreichen, wenn auch wunderlichen Manne, werthvolles Material" (Ascherson, AG). (*Kabath*).

HERBARIUM and TYPES: WRSL.

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3478. *Flora der Umgegend von Gleiwitz*, mit Berücksichtigung der geognostischen, Boden- und Höhen-Verhältnisse . . . Gleiwitz (Verlag von S. Landsberger) 1846. Oct. (*Fl. Gleiwitz*).
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Kablíková, Josephine [Josefina], née Ettel, [**Josephine Kablik**], (1787-1863), Czech lichenologist, married to the pharmacist and zoologist Adalbert Kablík. (*Kablík*).

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Kabsch, Wilhelm Albert Walter (1835-1864), Silesian botanist; from 1863 pharmacist at Zürich. (*Kabsch*).

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3479. *Das Pflanzenleben der Erde.* Eine Pflanzengeographie für Laien und Naturforscher von Dr. Wilhelm Kabsch. Nach dem Tode des Verfassers mit einem Vorworte versehen von H. A. Berlepsch. Mit 59 in den Text gedruckten Holzschnitten. Hannover (Carl Rümpler) 1865. Oct. (*Pfl.-Leben Erde*).
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Kachler, Johann (1782-1863, or later), Austrian botanist, seed-merchant in Wien. (*Kachl.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 266; BM 2: 953; Kew 3: 206; PR 4559-4561 (ed. 1: 5076-5078); Rehder 3: 482, 5: 443; Tucker 1: 380.
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3480. *Encyclopädisches Pflanzen-Wörterbuch* aller einheimischen und fremden Vegetabilien, welche sich durch Nutzen, Schönheit, Seltenheit oder sonstige Eigenthümlichkeiten besonders auszeichnen; ihrer botanischen, deutschen, französischen und englischen Benennungen; ihrer Dauer, Heimath, Formen, Eigenschaften, Verwendung, Cultur, Vermehrung, Synonymen etc. etc. Mit beständiger Hinweisung auf das natürliche und das Sexual-System. Nebst einem angehängten Polyglotten-Lexicon. Ein gemeinnütziges Hand- und Hülfsbuch für Botaniker, Gartenfreunde, Blumisten, Pomologen, Handelsgärtner, Land- und Hauswirthe, Forstmänner, Technologen, und überhaupt für Liebhaber der Gewächskunde. Nach den neuesten und bewährtesten Quellen kritisch bearbeitet . . . Wien (Druck und Verlag von J. P. Sollinger) 1829, 2 vols. Oct (*Encycl. Pfl.-Wörterb.*).
1: 1829 (p. iv: 15 Oct 1828), p. [i*], [i]-viii, [1]-296.
2: 1829, p. [i], [1]-336.
Copies: B, NY.

3481. *Grundriss der Pflanzenkunde*, in Gestalt eines Wörterbuches der botanischen Sprache. Beigefügt: Tabellarische Übersicht des Linné'schen Systems nach Thunberg's Abänderungen. – Deutsches Wörterbuch für die botanischen Ausdrücke. – Anhang, enthaltend das neueste System: Übersicht des Gewächsreiches in seinen natürlichen Entwickelungsstufen. Gedrängte Darstellung dieses Systems in Tabellenform. Für Freunde der Gewächskunde eine umfassende Anleitung zum gründlichen Selbststudium. Für Botaniker ein bequemes Nachschlagebuch . . . Wien (Druck und Verlag von J. P. Sollinger) 1830. Oct. (*Grundr. Pflanzenk.*).
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3482. *Alphabetisch-tabellarisch-scientifisches Samenverzeichniss* von Johann Kachler, bürgerlichen Samenhändler in Wien, . . . Wien (Gedruckt bei den P. P. Mechitaristen). 1839. Oct. (*Alph.-tabell.-sci. Samenverz.*).
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Kämpfer, Engelbert [Kaempfer] (1651-1716), German physician and traveller; secretary of the Swedish embassy to Russia and Persia; with the Dutch East Indian Company 1685-1693; subsequently physician to the Count of Lippe. (*Kaempf.*)

HERBARIUM and TYPES: The Sloane herbarium at BM contains (H.S. 211) the only known Kämpfer herbarium. The drawings in the *Amoenitates* seem to have been taken from some of the specimens. Some further specimens are at OXF (Sherard herb.). The British Museum possesses an extensive collection of Kämpfer manuscripts. Among them are several volumes of drawings. Most of the botanical drawings (59) were published by Joseph Banks as *Icones selectae plantarum.*

Ref.: Clokie p. 192; IH 2: 340.
Stearn, W. T., Roy. Hort. Soc. Lily Year Book 12: 65-70. 1948
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Meier-Lemgo, K., Engelbert Kämpfer, *in* Westfälische Lebensbilder, Hauptreihe 2.2., Münster i. W. 1931 (n.v.); Engelbert Kämpfer. Stuttgart 1937, 212 p., (important biography based on original sources, esp. Sloane mss. 2910, 2912, 2923, 3063, 3064 at BM, Bloomsbury; provides also refs. to earlier biographies); Engelbert Kaempfer (1651-1716) erforscht das seltsame Asien. 2. berichtigte und erweiterte Auflage 1960. Hamburg, 193 p.; Abh. math.-naturw. Kl. Akad. Wiss. Mainz 6: 265-314. 1965 (correspondence).
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EPONYMY: *Caulokaempferia* Larsen (1964); *Kaempfera* Houstoun (1781); *Kaempferia* Linnaeus (1753); *Kempfera* [sic] Adanson (1763).

3483. *Amoenitatum exoticarum politico-physico-medicarum fasciculi V*, quibus continentur variae relationes, observationes & descriptiones rerum persicarum & ulterioris Asiae, multâ attentione, in peregrinationibus per universum orientem, collectae, . . . Lemgoviae [Lemgo, Lippe] (Typis & impensis Henricis Wilhelmi Meyeri, . . .) 1712. Qu. (*Amoen. exot. fasc.*)
Publ.: 1712, p. [ii-iii], front., [v-xx], [1]-912, index [1-32]. *Copies*: G, MO, NY, U, USDA. – A list of Japanese plants, with 28 plates, on p. 765-912. The 90 illustrations are copper engravings of drawings by the author.
Extract: K. Meier-Lemgo, Engelbert Kämpfer, seltsames Asien (Amoenitates exoticae) in Auswahl übersetzt. Detmold 1933; ed. 2, Hamburg 1960.
Ref.: DU 162; GF p. 62; HE p. 29; HU 427; SA 2: 572.
Thunberg, P., Kaempferus illustratus, Nova Acta Soc. Sci. Upsal. 3: 196-209. 1780, 4: 31-40. 1784, also in Misc. papers 1935, pp. 10-23, 229-238.
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Hylander, N., Acta horti bergiani 16: 350-351. 1954.
Stafleu, F. A., Intr. Jussieu Gen. pl. 1789 (reprint) xxxix. 1964.

3484. *Icones selectae plantarum*, quas in Japonia collegit et delineavit Engelbertus Kaempfer; ex archetypis in Museo britannico asservatis. Londini: 1791. Fol. (*Icon. select. pl.*)
Publ.: Mai 1791 (Dawson p. 396), p. [i], [iii], [1]-3, *pl. 1-59*, uncoloured copper engr. *Copies*: G, MO, NY, U, US; IDC 1123. – The engravings are of drawings by the author at BM (dept. of mss., Sl. ms 2914) eight are double paged. No imprint, but possibly by Bulmer (see Collins in Sotheby no. 413).
Ref.: GF p. 62; Henrey 886; Jackson p. 381; Sotheby 413.
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Kain, Charles Henri (x-1913), American teacher and diatomologist in Camden (1864) and Philadelphia (1874). (*Kain*).

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Ref.: Fryxell, Beih. Nova Hedw. 53: 362. 1975.

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Kalchbrenner, Károly (Karl) (1807-1886), Austro-Hungarian clergyman and mycologist; studied at Halle; later clergyman at Szepes-Olaszi (Zips, Wallendorf). (*Kalchbr.*).

HERBARIUM and TYPES: BRA; further material at B, BR, CGE, E, PC, POP, SAM, UPS, W. - Algae at W (Koster).
Ref.: Koster, J., Taxon 18: 554. 1969.
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Wood, R. D., Monogr. Charac. 1: 819. 1965.

PORTRAITS: see Bossert p. 203 and Wittrock (1903, 1905).

EPONYMY: *Kalchbrennera* M. J. Berkeley ex K. Kalchbrenner (1876).

3485. *Icones selectae Hymenomycetum Hungariae* per Stephanum Schulzer et Carolum Kalchbrenner observatorum ed delineatorum. Editae sub auspiciis Academiae scientiarum Hungaricae cura Caroli Kalchbrenner. Academiae membri . . . Pestini (Pest, Budapest) (typis Athenaei) 1873-1874, 4 vols. Qu. (*Icon. select. Hymenomyc. Hung.*).

1: [2]-20	*1-10*	Feb 1873
2: [ii-iii], 21-36	*11-20*	Mai 1874
3: [ii-iii], 37-50	*21-30*	Jul 1875
4: [ii-iii], 51-65, [66, ind.]	*31-40*	Mai 1877

Copies: MICH, MO, Stevenson, US, USDA; IDC 6278. – Latin t.p. on pages [2] and [ii], Hungarian on p. [3] and [iii]: *Magyarország hártya gombaínak válogatott képei* . . .
Co-artist: Stephan Schulzer von Müggenburg (1802-1892). – The plates are coloured liths. by Kalchbrenner and Schulzer.
Ref.: Heufler, L. v., Verh. zool. bot. Ver. Wien 2: 86-88. 1853 (on the Schulzer coll. of 1128 plates of fungi).
Trimen, H., J. Bot. 11: 127. Apr 1873(1), 12: 223. Jul 1874(2).
Smith, W. G., J. Bot. 12: 122-124. 1874(1).
Rabenhorst, G. L., Hedwigia 11: 190-191. 1872 (proofsheets), 13: 9-14, 22-23, 1874, 14: 10-13, 27-28, 176. 1875, 16: 168-170. 1877.
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Kalm, Matthias (1793-1833), Finnish botanist. (*M. Kalm*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 268; BM 2: 955; Bossert p. 203; PR 4570 (ed. 1: 5089); Saelan p. 206.
Hjelt, O.E.A., Naturalhistoriens studium vid Åbo universitet, Helsingfors 1896, p. 408-409.

PORTRAIT: see Bossert p. 203.

3486. *Sciagraphia studii botanici.* Quam annuente amplissimo philosophorum ordine in imperiali academia Aboënsi publico examini modeste submittunt Matthias Kalm, . . . et Carolus Fredricus Widenius, . . . particula prima. In auditorio medico die xix maji mdccccxxi horis ante meridiem solitis. Ventilanda . . . Aboae (typis Frenckellianis) [1821]. Qu. (*Sciagr. bot.*).
Publ.: 19 Mai 1821, p. [i-ii], [1]-20. *Copies*: G, H.

Kalm, Pehr (1716-1779), Finnish-born botanist and traveller; pupil of Linnaeus; in North-America (1748-1751); from 1747 lecturer, later professor of economy and natural history at Åbo (Turku). (*Kalm*).

HERBARIUM and TYPES: Kalm's own set of plants from North America was burnt in the great fire of Åbo. The most important extant set is the one Kalm gave to Linnaeus on whose instigation his North-American trip had been made (now at LINN). Juel states that Linnaeus received a specimen of each of Kalm's species. Another set of 320 or 380 specimens came to Queen Lovisa Ulrika and was given to Uppsala (UPS) by Gustav IV in 1803. Other material in the Thunberg herbarium (UPS), in the Banks herbarium (BM), and at H.

Ref.: Juel, H. O., Sv. Linné-Sällsk. Årsskr. 3: 61-79. 1920, 4: 16-23. 1921, 13: 40-60. 1930 (revision of Kalm's herbarium at UPS).
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BIBLIOGRAPHY and BIOGRAPHY: Backer p. 297; Barnhart 2: 268; BM 2: 955-956; Bossert p. 203; Dryander 5: 300-302; DSB 7: 210-211; Frank 3(Anh.): 49; Henrey 2: 217, 273; Hortus 3: 1197 ("Kalm"); HU 599, 616; IH 2: 339; Kew 3: 208; KR p. 337-339; Lasègue p. 344, 572 [index]; ME 3: 344-346, 348, 349; Pennell p. 611; PR 4571-4584 (ed. 1: 5090-5127); Rehder 5: 444-445; Saelan p. 209-219; SO 144a, 903, 659a, 2586b, 2586-j, 3529; TR 630-634; Tucker 1: 381; Zander ed. 10, p. 676.
Archer, Huntia 1: 204-209. 1964 (Thomas Pennant's copy of Kalm's Travels).
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Hulth, J. M., Bref Skrifv. Linné 2(1): 165, 167, 336. 1916; 2(2): 156, 157. 1943; Sv. Linné-Sällsk. Årsskr. 7: 39-49. 1924 (K as student of Linnaeus 1741-1747).
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Kukkonen, I., Pietari Kalmin viljelyskokeiden merkkejä hänen vanhassa puutarhassaan Hirvensalon Sipsalossa, Turun Ylioppilas 4: 184-192. 1955. (On marks of K's planting experiments at Hirvensale, Turku).
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Stafleu, F. A., Intr. Jussieu Gen. Pl. 1789 (reprint) xxxix. 1964. ("*Gaultheria* Kalm"); Linnaeus and the Linnaeans 148, 153. 1971; *in* Daniels & Stafleu, Taxon 21: 484. 1972.

HANDWRITING: Kerkkonen, M., Peter Kalm's North American journey, Helsinki 1959, *pl. 2-3*; see also Skottsberg (1951): p. 230; Rousseau and Béthune p. 549.

EPONYMY (genera): *Kalmia* Linnaeus (1753); *Kalmiella* J. K. Small (1903); *Kalmiophyllum* Kräusel & Weyland (1959); *Kalmiopsis* Rehder (1932); (journal): *Kalmia*. A botanic Journal. Levittown, Pa. Vol. i-x. 1969-x. *Note*: *Kalmusia* Niessl (1872) is dedicated to Jakub Kalmus (1834-1870), Bohemian physican and cryptogamist.

3487. I.N.J. *Adumbratio florae*, dissertatione academica leviter delineata, quam consensu ampl. facult. phil. in reg. acad. Aboëns. praeside, Dr. Petro Kalm, oeconom. profess. . . ., publice examinandam sistit Gustavus Orraeus, m.f. Wiburgensis. In audit. superiori, ad. d. iv. decembr. mdccliv. Horis, ante meridiem consuetis. Aboae, Impressit direct. & typog. reg. m. duc. Finland. Jacob Merckell [1754]. Qu. (*Adumbr. fl.*).
Publ.: 4 Dec 1754, p. [i-viii], [1]-28. *Copies*: GB, H. – The respondens Gustaf Orraeus (*fl.* 1754) is not to be considered author of this treatise on how to write a flora. – Information B. Peterson.
Ref.: Saelan p. 383 (under Orraeus).

3488. D.A.G. Dissertatio botanica-oeconomica, *de Erica vulgari* et Pteride aquilina, quam, consensu ampl. facult. phil. in Lyceo, quod Aboae floret, sub moderamine Dr Petri Kalm, . . . publico examini subjicit Johannes Lagus, J. F. Carelia-Fenno, die vii. Decembr. mdccliv. Loco horisque ante meridiem solitis. Aboae, impressit direct. & typog. reg. m. duc. Finland. Jacob Merckell [1754]. Qu. (*Erica vulg.*).
Publ.: 7 Dec 1754, p. [i-vi], [1]-20. *Copy*: GB (inf. B. Peterson). – Text to be attributed to Kalm. The respondens Johann Lagus (*fl.* 1755) published another botanical treatise in 1756 (economic botany); see Saelan. *Calluna* ("Erica") is dealt with on p. 2-15, *Pteris aquilina* on p. 15-20.

3489. I.J.N. Enfaldige tanckar om *Caffé* och de inhemska wäxter, som plaga brukas i des

ställe, med wederbörandes minne, under . . . Pehr Kalms inseende, uti et academiskt försök utgifne at Elias Granroth, Gust. Son. Österbotninge. I Åbo större Lärosal, f.m. den [14] Maij 1755. Åbo, tryckt hos direct. och kongl. boktr. i storförstendömet Finland, Jacob Merckell [1755] Qu. (*Caffé*).
Publ.: 14 Mai 1755, p. [i-viii], [1]-18. *Copy*: GB (inf. B. Peterson). – Possibly to be attributed to Elias Gustafsson Granroth (*fl.* 1755) (see e.g. p. 18). – Treats substitutes for coffee.

3490. D.D. dissertatio academica, *Praestantiam plantarum* indigenarum prae exoticis, laeviter adumbrans, quam suffrag. ampliss. facult. philos. in reg. ad auram acad. praeside, . . . Dr. Petro Kalm, . . . publicae bonorum censurae modeste submittit, auctor & respondens Johannes Henricus Aspegren, Ostrobotniensis. Die 6 Nov. anni 1762 in audit. maj. h.c.a.m. Aboae, impressit Joh. Christoph. Frenckell. [1762]. Qu. (*Praest. pl.*).
Author of text: Hans Henric Aspegren (*fl.* 1762).
Publ.: 6 Nov 1762, p. [i-viii], [1]-43, [1]. *Copy*: GB (inf. B. Peterson). – Aspegren is cited as author on the t.p., see also p. [1] at end.

3491. Med Guds hjelp! *Norra Americanska färge-örter*, med philosophiska facultetens bifall, under . . . Herr Pehr Kalms inseende. Framstälde och til allmän granskning öfwerlämnade of Esaias Hollberg, And. fil. . . . i Åbo akademies öfre Läro-Sal på wanlig tid f.m. den 26 Nov. 1763. Åbo tryckt hos Joh. Christ. Frenckell [1763]. Qu. (*N. Amer. färge-ört.*)
Publ.: 26 Nov 1763, p. [i-iv], [1]-8. *Copy*: GB (information B. Peterson). – To be attributed to Kalm himself.

3492. Pehr Kalms . . . *Wästgötha och Bahusländska Resa* förrättad år 1742. Med Anmärkningar uti historia naturali, physique, medicine, oeconomie, antiquiteter etc. Jemte nödige figurer. Stockholm (Tryckt hos Lars Salvius på des egen kostnad) 1746. Oct. (*Wästgötha Resa*).
Publ.: 1746, p. [i-viii], [1]-304, [1]-14. *Copy*: NY.
Other ed.: "Redigerad av Claes Krantz illustrerad av Gunnar Brusewitz." Wählström & Widstrand Stockholm 1960, p. [1]-265. *Copies*: G, NY.

3493. *En resa til Norra America*, på Kongl. Swenska Wetenskaps Academiens befallning, och publici kostnad . . . Stockholm (Tryckt på Lars Salvii Kostnad) 1753-1761, 3 vols. Oct. (*Resa N. Amer.*).

Orig. ed.: *1*: 1-2 Sep 1753 (Lärda Tidn. 1753(65): 257 [3 Sep 1753], review pp. 257-266), p. [i-xxiv], [1]-484, [1-20].
2: 1-8 Sep 1756 (Lärda Tidn. 1756(7): 288 [9 Sep 1756], review pp. 288-312), p. [i], [1]-526, [1-22].
3: 1-12 Aug 1761 (Lärda Tidn. 1761(63): 253 [13 Aug 1761], review pp. 253-258), p. [i], [1]-538, [1-14], *1 pl.*
Copies: MO, NY. – We are grateful to Dr. B. Peterson for ascertaining the above dates. Original diaries in Helsinki: Univ. Libr.
German ed.: "Des Herren Peter Kalms . . . *Beschreibung der Reise* die er *nach dem nördlichen Amerika* auf den Befehl gedachter Akademie und öffentliche Kosten unternommen hat . . ." Göttingen (im Verlag der Wittwe Abrams Vandenhoek) 1754-1764, 3 vols. Oct. (*Reise n. Amer.*).
1: 1754, (p. [xx]: 13 Jul 1753), p. [i-xx], [1]-568, *pl. 1-4* (uncol. engr.).
2: 1757, p. [i-iv], [1]-592, *pl. 1-2* (id.).
3: 1764, p. [i-viii], [1]-648, *1 pl.* (id.).
Copies: HH(2), NY, US. – Translation by Johann Philipp Murray (1,2), and Johan Andrews Murray (3).
German ed. [*2*]: "*Reise nach dem nördlichen Amerika* . . ." Leipzig 1754. Oct., 40, 648 p., *4 pl.* Translation by Carl Ernst Klein. (Deals with first part only) (n.v.).
Swedish ed. [*2*]: in Skrifter utgivna av Svenska Litteratursällskapet i Finland: 1 as vol. 66 (Helsinki 1904), 2 as vol. 93 (ib. 1910), 3 as vol. 120 (ib. 1915), 4 (from diary) as vol. 120 (ib. 1929). Complete ed. of diary 1, in vol. 419 (ib. 1966), to be ctd.
English ed.[*1*]: "*Travels into North America*; containing its natural history, and a circumstantial account of its plantations and agriculture in general, with the civil, ecclesiastical and commercial state of the country, the manners of the inhabitants, and several curious and

important remarks on various subjects ... translated into English by John Reinhold Forster, F.A.S. Enriched with a map, several cuts for the illustration of natural history, and some additional notes ... [1:] Waarington (printed by William Eyres), [2, 3:] London (printed for the editor; and sold by T. Lowndes, ...) 1770-1771, 3 vols. (*Trav. N. Amer.*) Oct. *Copy*: NY.
1: 1770 (p. iv: 25 Jul 1770), p. [i]-xvi, [xvii-xxiv], [1]-400, *pl. 1.*
2: 1771, p. [1]-352, *3 pl.*
3: 1771, map, p. [i]-viii (dated 15 Feb 1771), [1]-310, [1-14, ind.].

English ed. [*2*]: the above translation: "the second edition. In two volumes," London (printed for T. Lowndes, ...) 1772, 2 vols. Oct. *Copy*: NY.
1: [i]-xii, [1]-414, *5 pl.* (uncol.).
2: map, [i]-iv, [1]-423, [1-8, index].

English ed. [*3*]: "*Kalm's account of his visit to England* on his visit to America in 1748. Translated by Joseph Lucas. With two maps, and several illustrations." London (Macmillan and Co.) and New York 1892.
Publ.: 1892 (p. xvi: 4 Dec 1891), p. [i]-xvi, [1]-480.
Copy: L.

English ed. [*4*]: "The America of 1750 *Peter Kalm's travels in North America* the English version of 1770 revised from the original Swedish and edited by Adolph B. Benson ... with a translation of new material from Kalm's diary notes." New York (Wilson-Erickson inc.), 1937, 2 vols.
1: front., p. [i]-xviii, [xix], 1-380, 18 ill.
2: [i, iii], 381-797, 1 map.
Copies: HH, MO, US.
Reprint; 1966, New York (Dover Publications, Inc.), pagination same, minor changes in illustrations. *Copy*: NY.

Dutch ed.: "*Reis door Noord Amerika*, gedaan door den Heer Peter Kalm, ..." te Utrecht (by J. van Schoonhoven en Comp. en G. van den Brink Janz.) 1772, 2 vols. Qu. (*Reis N. Amer.*).
1: frontisp., [i-xii], map, 1-223, *3 pl.*
2: frontisp., [i-vi], 1-240, [1-8], *1 pl.*
Copy: U.

French ed. [*1*]: "*Histoire et politique de la Pensylvanie*, et de l'établissement des Quakers dans cette contrée." [Translated from the German by Jacques Ronsselot de Surgy] Paris (Chez Ganeau, libraire, ...) 1768. Duod. (*Hist. nat. Pens.*), p. [i]-xx, map, [1]-372, [1-4, approb.]. *Copies*: HH, NY. – Gottlieb Mittelberger is mentioned as co-author in the preface.

French ed. [*2*]: "*Voyage de Kalm en Amérique* analysé et traduit par L. W. Marchand ..." Montréal (Imprimé par T. Berthiaume, ...) 1880, Mém. Soc. hist. Montréal livr. 8, 256 p. *Copy*: HH.

For further details and for additional, partial translations and recent editions see Collander et al. and Saelan.

Ref.: HU 616 [1770-1771 English translation]; IDC 1000.
Kerkkonen, M., Peter Kalm's North American Journey. Helsinki 1959.
Archer, Huntia 1: 204-209. 1964.
Collander, R., et al., Bibl. bot. fenn. 226. 1973 (recent lit. on and new editions of *Resa*).

3494. D.D. *Florae fennicae*, pars prior, quam consensu ampliss. facult. philos. in Reg. Acad. Aboëns., praeside Petro Kalm, ... publico examini submittit Wilhelmus Graulund, ostrobotnensis, in audit. maj. die viii. octobr. mdcclxv, h.a.m.s. Aboe (impressit Joh. Christoph. Frenckell) s.d. [1765]. † Qu. (*Fl. fenn.*).
Publ.: 5 Oct 1765, p. [i-iv], [1]-10. *Copies*: H, NY.

3495. D.D. *Genera* compendiosa nobiliss. von Linne *plantarum fennicarum*, quorum partem primam, cons. ampliss. facult. phil. aboëns. praeside d:no Petra Kalm, ... publico examini defert Johannes Hellenius alumn. reg. satagundensis in audit. superiori die xxvii. aprilis an. mdcclxxi. Horis antemeridianis. Aboae [Abo, Turku] (impressit Johan. Christoph. Frenckell) s.d. 1771. Oct. † (*Gen pl. fenn.*).
Publ.: 27 Apr 1771, p. [1]-32. *Copy*: NY. – We follow Krok and Saelan in listing this as a text written by Kalm even though Hellenius later became a profilic botanical author himself. Based on Linnaeus, Syst. nat. ed. 10.

Kaltenbach, Johann Heinrich (1807-1876), German botanist and entomologist; high school teacher at Hastenrieth (1815-1817), at Aachen (Aix-la-Chapelle) (1817-1876). (*Kaltenb.*).

HERBARIUM and TYPES: Unknown. Some material at W.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 616; Backer p. 298; Barnhart 2: 268; BFM 3111; BM 2: 956; CSP 3: 602, 8: 51, 12: 377; Frank 3 (Anh.): 49; IH 2: 339; Jackson p. 197; Kew 3: 208; PR 4585; Rehder 5: 445; Tucker 1: 381.
Hilgers, Entom. Nachr. 2: 112-114. 1876.

3495a. *Flora des Aachener Beckens*, zunächst als Abhandlung für das Schulprogramm der combinirten höhern Bürger- und Provinzial-Gewerbschule zu Aachen . . . Aachen (Bernhard Boisserée) 1845. Duod. (in sixes). (*Fl. Aachen. Beckens*).
Publ.: 1845 (p. [vi*]: 15 Sep 1844), p. [i*-vi*], [iii]-viii, [1]-314. *Copies*: B, BR, NY.
Ref.: Zuchold, Jahresb. nat. ver. Halle 5: 27. 1853.

3495b. *Die Pflanzenfeinde* aus der Klasse der Insekten. Ein nach Pflanzenfamilien geordnetes Handbuch sämtlicher auf den einheimischen Pflanzen bisher beobachteten Insekten zum Gebrauch für Entomologen, Insektensammler, Botaniker, Land- und Forstwirthe und Gartenfreunde . . . Mit 402 charakteristischen Holzschnitt-Illustrationen der wichtigsten Pflanzenfamilien. Stuttgart (Julius Hoffmann (K. Thienemann's Verlag)) 1874. Oct. (*Pflanzenfeinde*).
Publ.: Jan-Apr 1874 (p. viii: Weihnachten 1873; Bot. Zeit. 1 Mai 1874), p. [i]-viii, [1]-848. *Copies*: MO, USDA. – An amended version of the text of a series of papers in the Verhandlungen des naturhistorischen Vereins der preussischen Rheinlande und Westfalens, with the title: *Die deutschen Phytophagen aus der Classe der Insekten*, published as follows:

Verh.	pages	year	Verh.	pages	year
13	165-265	1856	19	1-106	1862
15	77-192	1858	21	228-404	1864
16	216-299	1859	24	21-117	1867
17	203-260	1860	26	106-224	1869

Kamel, Georg Joseph (Georgius Josephus Camellus, Camel, Camelli) (1661-1706), Moravia born Jesuit (lay brother) missionary and pharmacist in the Phillippines. (*Kamel*).

HERBARIUM and TYPES: BM-SL. Manuscripts and drawings at BM, Louvain and the Institut de France.
Ref.: IH 2: 339; SK 1: xxxii, 271-272, 5: ccxci.
Dandy, J. E., The Sloane herbarium 145-148. 1958.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 268; BM 2: 956; Bret. p. 15; Dryander 2: 31, 340, 504, 3: 182, 200, 479, 4: 72; Frank 3(Anh.): 49; Lasègue p. 495, 506; NI 1021; PR 4586 (ed. 1: 5129); Rehder 5: 445.
Anon., *in* Brockhaus' Conversations-Lexikon ed. 13. 10: 42-43. 1885.
Forman, Kew Bulletin 1955: 264.
Gicklhorn, J. and R., Veröff. Int. Ges. Gesch. Pharmacie 4: 1-123. 1954 (*14 pl.*); Jahrb. Univ. Düsseldorf 1970/71: 301-307. 1971.
Keefe, Biologist 47(3/4): 50. 1966.
Winter, Jardins de France 1974 (2): 13-15.

HANDWRITING: Dandy, J. E., The Sloane herbarium 1958, p. 246 and no. 79.

EPONYMY (genera): *Camellia* Linnaeus (1753); *Camelliastrum* Nakai (1940); (journals): *Camellia Review*. A publication of the Southern California Camellia Society. Pasadena, Cal. Vol. 12-x. 1950-x; *Camellia Society Bulletin*. Pasadena, Cal. Vol. 1-11. 1940-1950; *Camellian* (South Carolina Camellia Society). Columbia, S.C. Vol. i-x. 1950-x; *Camellias* (American Camellia Society). Gainesville, Fl. Vol. i-x. 1960-x.

3496. *Herbarium* aliarumque stirpium in insula Luzone *Philippinarum primaria nascenticum syllabus, in* Ray, J., *Historiae plantarum* tomus tertius, App. 1-96. London 1704. Fol. (doubles). (*Herb. Philipp.*).
Publ.: 1704, p. 1-96. *Copies*: NY, UC. – For further details see under J. Ray. – The accompanying unpublished plates ("Camellis" in Jussieu, Gen. pl.) were in the hands of A. L. Jussieu. Linnaeus (Bibl. bot. ed. 2. 156. 1751) referred to the 1704 publication as "Descriptiones imperfectae, florum nulla notitia," an inexplicable statement; see further Dandy (1958).

Kamerling, Zeno (1872-?), Dutch botanist. (*Kamerling*).

HERBARIUM and TYPES: Material from Java at BO, L.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 268; CSP 16: 179; Hirsch p. 146; IH 2: 339; JW 2: 194; Kew 3: 209; LS 35225-35226, suppl. 13436-13438; Rehder 5: 445.

3497. *Zur Biologie und Physiologie der Marchantiaceen.* Inaugural-Dissertation zur Erlangung der Doctorwürde der hohen philosophischen Facultät der Universität Jena vorgelegt von Z. Kamerling aus Almelo (Holland). München (Druck von Val. Höfling, . . .) 1897. Oct. (*Biol. Marchant.*)
Publ.: 15 Jun 1897 (p. 2: fiat printing 1 Mar 1897; Nat. Nov. Jul (1, 2) 1897), p. [1]-72, *pl. 1-3* (uncol. liths.). *Copy*: G. – Reprinted from Flora 84: 1-68, *pl. 1-3*. 5 Jun 1897.

Kamiénski, Frans (Franciszek) (1851-1912), Polish botanist, sometime director of the Odessa botanical garden. (*Kamiénski*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 102, 320; Barnhart 2: 268; BM 2: 956; Bossert p. 203; CSP 10: 371, 12: 377, 16: 179; Jackson p. 109; Kew 3: 209; LS 13545-13547; Moebius p. 280; Rehder 1: 236.
Anon., Bot. Not. 1900: 81, 1912: 228; Österr. bot. Z. 62: 399. 1912; Rev. gén. Bot. 24: 496. 1912.
Rouppert, J., Spr. Kom. Fiz. Akad. Krakowie 51: xlii-xlv. 1917 (n.v.).
Wittrock, V. B., Acta Horti Berg. 3(2): 174. 1903.

COMPOSITE WORKS: E.P., *Die natürlichen Pflanzenfamilien*, ed. 1, *Lentibulariaceae*, IV, 3B: 108-123, *publ.*: Mai 1893 (TL-2/1710).

Kampe, E. (*fl.* 1888), German botanist. (*Kampe*).

HERBARIUM and TYPES: Unknown.

3498. *Flora und Fauna von Harzburg.* Aufzählung der bei Harzburg und Umgegend einschliesslich des Radau-, Oker-, Ilse- und Eckerthals wildwachsenden Pflanzen, sowie der dort vorkommenden Schmetterlinge und Käfer . . . mit einem Anhange: Brockenflora von Dr. E. Kampe. Harzburg (C. R. Stolle's Hofbuchhandlung) s.d. Oct. (*Fl. Harzburg*).
Co-authors: Friedrich Schwarze and E. Prediger.
Publ.: Jun 1888 (Nat. Nov. Jul (1) 1888), p. [i-iii], 1-49. *Copy*: B.

Kampmann, Frédéric-Edouard fils ("Fritz") (1830-1914), Alsatian pharmacist at Colmar, after 1872 at Genève, from 1907-1914 at Vallorbe, enthusiastic amateur botanist (son of Frédéric-Edouard K. 1797-1873). (*Kampm.*).

HERBARIUM and TYPES: G.
Ref.: Miège et Wuest, Saussurea 6: 132. 1975.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 118, 674 (F. E. Kampmann sr.); CSP 12: 377, 16: 181; GR p. 331; IH 2: 340; LS 13549; Nordstedt p. 15; Rehder 5: 445, 674.
Anon., Bull. Soc. bot. Genève ser. 2. 6: 158. 1914.

Briquet, J., Bull. Soc. bot. Genève 50a: 286-287. 1940.
Burnat, E., Bull. Soc. bot. France 30: cxxi-cxxii. 1883.
Cavillier, F. G., Boissiera 5: 57-58. 1941.

EPONYMY: The etymology of *Kampmannia* Steudel (1853) could not be established.

Kane, Lady Katherine Sophia (née Bailey) (1811-1886), Irish botanist, married to Sir Robert Kane (1838). (*Kane*).

HERBARIUM and TYPES: CRK (170).

BIBLIOGRAPHY and BIOGRAPHY: BB p. 170; BM 1: 86, 2: 909, 957; Desmond p. 353; DNB 30: 239; IH 2: 340; Jackson p. 247; Kew 3: 210.
Anon., Ann. Rep. Proc. Belfast Nat. Field Club ser.2. 6(6): 623. 1913.
Colgan, N., Fl. County Dublin xxvii. 1904.
Praeger, R. L., Some Irish naturalists 111. 1949.
Scully, R. W., Fl. County Kerry xiii. 1916.

3499. *The Irish flora*; comprising the phaenogamous plants and ferns . . . Dublin (Hodges and Smith, . . .), London (Longman, Rees, and Co., and Simpkin and Marshall), Edinburgh (Maclachlan and Stewart) 1833. Duod. (in sixes). (*Irish fl.*).
Publ.: 1833, p. [i]-xi, [1]-220. *Copy*: USDA. – Anonymous.
Ed. 2: 1846, p. [i]-xi, [1]-220. *Copy*: MO. – Dublin (Hodges and Smith, . . .) 1846. Duod. (in sixes). Anonymous.

Kanehira, Ryôzô, (1882-1948), Japanese botanist, director of the Department of Forestry, Formosa, later at Fukuoka. (*Kaneh.*).

HERBARIUM and TYPES: FU. For duplicates see IH.
Ref.: IH 2: 340; SK 1: 272-273, 5: ccxci, 8: 411 (!).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 269; BL 1: 116, 117, 123, 304; Bossert p. 204; Hortus 3: 1197 ("Kaneh."); Kew 3: 210; Lenley p. 247; MW p. 222-223; suppl. p. 149.
Steenis, C. G. G. J. van, Fl. males. Bull. 5: 130-131. 1949.

PORTRAIT: See Bossert p. 204.

3500. *Formosan trees* an account of trees, shrubs, bamboos, palms and tree ferns indigenous or commonly cultivated in Formosa . . . Taihoku (Bureau of productive studies, Government of Formosa) 1917. (*Formos. trees*).
Publ.: 1917, p. [ii], [1]-23, [1]-6, [1]-15, + Japanese text on unnumbered p. *Copies*: HH, NY. – The author sent a copy to E. H. Wilson on 22 Jan 1918, to E. D. Merrill on 2 Jul 1919.
Re-issue: 1918, Kobun-kwan, Taihoku, Formosa. *Copy*: HH. – Inscribed "Dec 1st 1918" by author.
Revised ed.: 1936 (p. x: 15 Feb 1936), p. [i* Engl. t.p.], [1, Jap. t.p.], [iii]-x, [1]-754 ("574"), pl. 1-50. *Copies*: HH, NY, US, USDA; IDC 147. – "*Formosan trees* indigenous to the Island (revised)". Taihoku, Formosa (Department of Forestry, Government Research Institute, Taihoku, Formosa).
Facsimile ed. of 1936 ed.: 1973 (n.v.). Text in Japanese, Latin names, English descriptions of new species, – *Addition*: Trans. nat. Hist. Formosa 26: 287-298. 1936.
Ref.: Nakai, T., J. Jap. Bot. 12: 755-757. 1936 (list nom. changes).

3501. *Flora micronesica* by Ryôzô Kanehira . . . [1933]. (*Fl. micron.*).
Publ.: Jan-Aug 1933 (E. D. Merrill rd. his copy on 1 Sep 1933), p. [1]-3, [1]-3, [1]-8, [9], [1]-468, [1]-37, *pl. 1-21, fig. 1-211*. *Copy* : NY.
Other issue: with imprint "South Seas Bureau under the Japanese mandate", with [3] additional pages, dated 1933, p. [1-3], [1]-3, [1]-3, [1]-8, [9], [1]-468. [1]-37, *pl. 1-21, fig. 1-211*. *Copy*: NY.
Facsimile ed.: 1972 (n.v.).
For a list of Kanehira's writings on the Micronesian flora see Merrill (1947) and BL.

Kanitz, August (Agoston, Agost) (1843-1896), Hungarian botanist, who studied with Neilreich in Wien, at Hungarian Altenburg (1869-1872), after 1872 professor of botany and director of the botanic garden at Klausenburg (Cluj, Kolozsvár). (*Kanitz*).

HERBARIUM and TYPES: BP; other material at B, FI, K, LE, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 254; Backer p. 298; Barnhart 2: 270; BM 2: 957; Bossert p. 204; CSP 3: 606, 8: 52, 10: 372, 12: 377, 16: 182; DTS 1: 137 (d.: 12 Jul 1897); Frank 3(Anh.): 49; GR p. 659; Hortus 3: 1197 ("Kanitz"); IH 2: 341; Jackson p. 4, 18, 100, 118, 146, 267, 314, 372, 383, 474; Kew 3: 210-211 Langman p. 403; LS 13552-13553, 35228; MW p. 223-224; Plesch p. 286; Rehder 5: 445; TL-2/1: 197, 2: 2719; Tucker 1: 381.
Anon., Bot. Not. 1897: 47; Bot. Zeit. 54(2): 240. 1896. Österr. bot. Z. 24: 1-16. 1974 (portr.).
Beck, G., Vegetationsverh. Illyr. Länder 4, 16, 36. 1901 (Veget. Erde vol. 4).
Bettelheim, A., ed., Biogr. Jahrb. deut. Nekrol. 3: 92*. 1900.
Diels, L. & J. Mildbraed, Generalregister Bot. Jahrb. 1(1-30): 30. 1904.
Dolezal, H., Friedrich Welwitsch 111. 1974.
Huszty, Studia bot. Hung. 8: 111-124. 1973 (on K. and the Magy. növén. Lapok).
Knapp ("-a-"), Oest. bot. Z. 24: 1-16. 1874.
Nordstedt, C. F. O., Index Desmid. bibl. 19. 1896.
Pax, F., Grundz. Pflanzenverbr. Karpathen 29, 59. 1898 (Veg. Erde vol. 2(1)).
Urban, I., Fl. bras. 1(1): 180. 1906.
Wittrock, V. B., Acta Horti Berg. 3(2): 157, *pl. 22.* 1903 (portr.).

COMPOSITE WORKS: (1) With P. Ascherson: *Catalogus Cormophytorum et Anthophytorum Serbiae.* Claudiopoli (Cluj) 1877 (TL-2/197).
(2) Editor and founder of *Magyar Növénytani Lapok* (1-6), (1877-1892).
(3) With S. Schulzer von Müggenburg (q.v.) and J. A. Knapp, *Die bisher bekannten Pflanzen Slavoniens.* Wien 1866, p. [1]-172 (see Bot. Zeit. 24: 233. 27 Jul 1866).
(4) Martius, *Flora brasiliensis*:
(a) *Lobeliaceae*, 6(4): 129-158, *pl. 39-45.* 1 Dec 1878.
(b) *Haloragaceae*, 13(2): 373-382, *pl. 68-69.* 1 Mai 1882.
(c) *Campanulaceae*, 6(4): 177-188, *pl. 48-49.* 1 Jun 1885.
(5) Warming, E., *Symbolae*, *Haloragidaceae*, part 35, p. 165, publ. 21 Apr 1891; *Lobeliaceae*, part 38, p. 46, publ. 3 Mai 1892.

3502. *Reliquiae kitaibelianae* e manuscriptis musei nationalis hungarici publicatae Augusto Kanitz, . . . Vindobonae [Wien] (apud Guil. Braumüller bibliopolam C. R. Aulicum) 1862-1863. Qu. (*Reliq. kit.*).
Publ.: 1863, p. [i], [1]-199. *Copies*: M, MO, NY. – Number of copies printed: 70 (of which 10 Wien 12: [559-576 one copy], 589-606. 1862 (publ. Jan-Apr 1863) and 13: 57-118, 505-554. 1863 (publ. before Oct) (resp. p. [1]-18, [19]-80 and 81-139). See also Kanitz, Linnaea 32(3): 305-385. Sep 1863, 385-640. Jan 1864, 641-642. Feb 1864 (Further additions to the Flora hungarica from Kitaibels mss. at BP) (see TL-2/3504).
Ref.: Fournier, P. N. E., Bull. Soc. bot. France 10: 449. Jan 1864.

3503. *Geschichte der Botanik in Ungarn.* Skizzen von August Kanitz. Gedruckt in 70 Exemplaren. Hannover (Druck und Verlag von Wilh. Riemschneider) Pestl (In Commission bei Mor. Rath.) 1863. Oct. (*Gesch. Bot. Ungarn*).
Publ.: 1863, p. [i], [1]-199. *Copies*: M, MO, NY. – Number of copies printed: 70 (of which 10 for the trade). A fuller account was published as "*Versuch einer Geschichte der ungarischen Botanik*," Linnaea 33: 401-664, referred to as "Kanitz" in TL/2, citation by numbers of entries. This later version has no index. See no. 3505. – The first three chapters were published originally in Bonplandia; after the discontinuation of *Bonplandia* Kanitz had the later chapters printed at his own cost at the same printing shop. Schlechtendal, regretting the relative unavailability of this text, invited Kanitz to publish this emended version in Linnaea. The 22 year old Kanitz was assisted in the compilation of this work by Neilreich. Preliminary notice in Verh. zool.-bot. Ver. Wien 12: 97-100. 1862.

3504. Pauli Kitaibelii *Additamenta ad floram hungaricum* e manuscriptis 80. i. ii. iii. iv. oct. lat. de plantis Hungariae mus. nat. Hung. edidit Augustus Kanitz. Ex Linnaeae xxxii. tomo

impressum. Halis Saxonum [Halle a. S.] (Typis Gebauerio – Schwetschkianis) 1864. Oct. (*Addit. fl. hung.*).
Publ.: (as a reprint) Feb 1864, p. [i], [1]-338. *Copy*: NY. – Reprinted from Linnaea 32(3): 305-384. Sep 1863, 32(4/5): 385-640. Jan 1864, 32(6): 641-642. Feb 1864 (reprint with orig. pagination at B) (see also 3502).

3505. Versuch einer *Geschichte der ungarischen Botanik*, von August Kanitz. Beigedruckt mit einige theils wenig bekannte, theils umgedruckte botanische Aufsätze ungarischer Botaniker ... Halle (Gebauer-Schwetschke'sche Buchdruckerei) 1865. Oct. (*Gesch. ungar. Bot.*).
Publ.: Jun 1865 (as a reprint), p. [i, iii], [1]-264. *Copies*: G, M, MO, NY. – Reprinted from Linnaea 33(3/4): 401-512. Dec 1864, 33(5): 513-640. Mar 1865, 33: 641-664. Jun 1865.

3506. *A magyar tartományok növémyzeti viszonyai* irta Kánitz Ákos, ... Pest (Nyomatott Emich Gusztàv, ...) 1866. Oct. (*Magy. növém. viszon.*).
Publ.: 1866, p. [1]-112. *Copy*: G. – A paper on Hungarian plant geography reprinted from a general treatise on the physical geography of Hungary: *Magyarország természeti viszónyai*, vol. 3, p. 611-720. German summary: Das Ausland 1867: 531-535.

3507. *Plantae Tinneanae* sive descriptio plantarum in expeditione Tinneana ad flumen Bahr-et-Ghasal eiusque affluentias in septentionali interioris Africae parte collectarum. Opus xxvii tabulis exornatum Theodori Kotschy et Joannis Peyritsch consociatis studiis elaboratum suis sumptibus ediderunt Alexandrina P. F. Tinne et Joannis A. Tinne. Vindobonae [Wien] (Typis Caroli Gerold filii 1867). Plantes Tinnéennes ... Auszug besorgt von August Kanitz. Regensburg (Druck von F. Neubauer (Krug's Wittwe)) 1868. Oct. (*Pl. Tinn.*).
Publ.: 1868 (Bot. Zeit. 14 Mai 1869), p. [1]-60. *Copy*: G. – Reprinted from Flora 51: 385-398. 8 Oct 1868, 417-425. 21 Oct 1868, 433-441. 28 Oct 1868, 465-472. 8 Nov 1868, 497-511. 23 Nov 1868, 513-519. 8 Dec 1868 (p. 518/519 Filicinae by G. Mettenius). Extract and commentary on Kotschy et Peyritsch, *Plantae Tinneanae*, no. 3894.

3508. *Expeditio austro-hungarica ad oras Asiae orientalis.* Anthophyta quae in Japinia legit beat. Emanuel Weiss med. dr. et quae Museo nationali Hungarico procuravit Joannes Xanthus ... Budapestini (Typis Societ. "Franklin") 1878. (*Exp. Asiae orient.*).
Collector: Emanuel Weiss (1837-1870).
Publ.: 1878 (p. 31: kal. Apr 1878), p. [1]-31. *Copy*: G. – reprinted from Természetrajzi füzetek 1878 (fasc. [1], 2 and 3). – The collections were donated by the Hungarian collector Lajos János Xantus de Vesey (1825-1894).

3509. *Plantas Romaniae hucusque cognitas* enumerat Augustus Kanitz. Melléklet a Magyar növénytani lapok iii-v. évfolyamához. Claudiopoli [Klausenburg, Cluj] (apud E. Demjén), Londini (Dulau & Co.), Vindobonae [Wien] (Apud W. Braumüller et fil.) 1879-1881. Oct. (*Pl. Roman.*).
Publ.: Published separately but originally as a supplement to various parts of vols. 3-5 of Magyar növénytani Lapok, Cluj, 1879-1881 (see p. xi):

part	pages	dates	Magy. növ. Lap. vol.
1	[1]-76	Dec 1879	3
2(1)	77-92	Jun 1880	4
(2)	93-124	Jul 1880	
(3)	125-140	Jul 1880	
(4)	141-172	Nov 1880	
(5)	173-204	Dec 1880	
3(1)	205-220	Feb 1881	5
(2)	221-252	Apr 1881	
(3)	253-260	Oct 1881	
(4)	261-268	Nov 1881	
(5)	[i]-xxiii	Dec 1881	

Copies: BR, G, KNAW, L, M, NY, Regensburg (orig. covers), USDA. – The place of

publication is Claudiopolis (Lat.), Klausenburg (German), Cluj (Roumanian), Kolosvár (Hungarian), at the time of Kanitz part of Austro-Hungarian Siebenburgen (Transylvania), since 1920 part of Rumania. – From preface (p. xiii): "Sententia mea in hoc opere fuit: in necessarias unitas, in dubiis liberta, in omnibus caritas".

Kanjilal, Upendranath N. (1859-1928), Indian botanist; extra deputy conservator of forests, Assam, lecturer at Dehra Dun. (*Kanjilal*).

HERBARIUM and TYPES: Mainly ASSAM, CAL and DD; further material in A and OXF.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 957; Clokie p. 192; IH 2: 341; Kew 3: 211; Tucker 1: 381.

3510. *Forest flora of the School Circle*, N.-W.P., being a descriptive list of the indigenous woody plants of the Saharanpur and Dehra Dun districts and the adjoining portions of the Tehri-Garhwal State in the North-Western Provinces, with analyses, compiled for the use of the students of the Imperial Forest School Dehra Dun . . . Calcutta: Office of the superintendent of Government Printing, India. 1901. 16-mo. (*Forest fl. School Circle*).

Ed. 1: 1901 (p. x: 26 Mar 1900), p. [i*-iii*], [i]-xxii, [1]-390. *Copy*: USDA.
Ed. 2: 1909, "*Forest flora of the Siwalik and Jaunsar Forest Divisions* . . ." Calcutta (Superintendent Government Printing) 1911. 16-mo, p. [i*], [i]-xxix, [1, err.], [1]-457. *Copies*: HH, MO. (*For. fl. Siwalik*).
Ed. 3: 1928, "*Forest flora of the Chakrata*, Dehra Dunn and Saharanpur forest divisions, Uttar Pradesh . . . third edition by Basant Lal Gupta . . . (n.v.).
First reprint: 1950; *second reprint*: 1956, *third reprint*: 1962; *fourth reprint*: 1969 (p. [i*-ii*], [i]-xx, [1]-593. Delhi and Dehra Dunn 1969. *Copy*: NY) (*For. fl. Chakrata*).

3511. *Flora of Assam* . . . Published under the authority of the government of Assam [Shillong, 1934-1940], 5 vols. Oct. (*Fl. Assam*).
Co-authors: P. C. Kanjilal (1-4), A. Das (1-4), R.N. De (3-4), N. L. Bor (5), C. Purkayastha (1(2)).

1(:1): 1934 (p. v: 1 Mai 1934), p. [i*], [i]-lxx, [lxxi, abbr.], [1]-184.
1(:2): 1936 (p. ii: 10 Oct 1936; date printed on back: 1937), p. [i*], [i]-ii, [185]-386.
2: 1938 (p. [v]: 1 Feb 1938), p. [i]-iv, [v], [1]-409.
3: 1939 (p. x: 22 Feb 1939), p. [i]-x, [1]-578.
4: 1940 (p. [xii]: 26 Feb 1940), p. [i]-ix, [1]-377, errata slip.
5: 1940, p. [i-iii], [1]-480, errata slip. – N. L. Bor single author (Gramineae).
Copies: HH, MO, NY, USDA.

Kanouse, Bessie Bernice (1889-1969), American mycologist; Ph. D. Univ. Mich. 1926; specialist on watermolds and discomycetes; at the Ann Arbor University Herbarium of the University of Michigan (1926-1960). (*Kanouse*).

HERBARIUM and TYPES: MICH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 270; Hirsch p. 140; IH 2: 341; LS suppl. 13442-13447; NAF 2(1): 71. 1937; Roon p. 59; Stevenson p. 1247.
Smith, A. H., Michigan bot. 8(4): 187-188. 1969 (portr., bibl.).

EPONYMY: *Kanousea* A. C. Batista & R. Ciferri (1962).

Kappler, August (1815-1887), German soldier and naturalist; from 1836-1879 in Suriname and the West Indies; travelled around the world in 1883; the most important author on Suriname of the mid-nineteenth century. (*Kappl.*).

HERBARIUM and TYPES: His "*Plantae surinamenses* edit. R. F. Hohenacker" in many herbaria e.g. F, FI, G, GENT (205 nos.), GOET, H, K, L, MO, P, U, UPS, W. – Kappler was not associated with the Esslingen "Reiseverein".

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 298; Barnhart 2: 270 (in Suriname 1836-1879 rather than 1844-1879); BM 2: 958; Bossert p. 204; CSP 3: 607, 16: 186; IH 2: 341; JW 4: 392-393; NNBW 8: 945; Rehder 1: 339.
Embacher, F., Lexik. Reisen 161. 1882.
Metzger, E., Jber. Württemb. Ver. Handelsgeogr. 5-6: 91-94. 1888, 7/8: 122. 1898. (bibl.).
Sagot, Ann. Sci. nat. Bot. ser. 6. 10: 373. 1880.
Sirks, M. J., Indisch natuuronderzoek 298 [index]. 1915.
Stafleu, F. A., Regn. Veg. 71: 338 [ind.]. 1970; Wentia 16: 22, 25. 1966.

3512. *Sechs Jahre in Surinam* oder Bilder aus dem militärischen Leben dieser Colonie, und Skizzen zur Kenntnis seiner socialen und naturwissenschaftlichen Verhältnisse . . . Stuttgart (E. Schweizerbart'sche Verlagshandlung und Druckerei) 1854. Oct. (*Sechs Jahre Surinam*).
Publ.: 1854, p. [i]-vi, [1]-282. *Copies*: U, UC.
Ref.: Schlechtendal, D. F. L. v., Bot. Zeit. 11: 799. 11 Nov 1853. [sic! 1853].

3513. *Holländisch-Guiana.* Erlebnisse und Erfahrungen während eines 43jährigen Aufenthalts in der Kolonie Surinam. Stuttgart (Commissions-Verlag von W. Kohlhammer) 1881. Oct. (*Holl.-Guiana*).
Publ.: 1881 (p. iii: Oct 1881), frontisp., p. [i]-ix, [x, err.], [1, h.t.], [1]-495, map. *Copies*: Kon. Bibl. 's Gravenhage, UC.

3514. *Surinam*, sein Land, seine Natur, Bevölkerung und seine Kultur-Verhältnisse mit Bezug auf Kolonisation . . . Stuttgart (J. G. Cotta'sche Verlagsbuchhandlung) 1887. Oct. (*Surinam*).
Publ.: Sep-Nov 1886 (p. [iii]: Sep 1886; Nat. Nov. Dec 1886; t.p. 1887), p. [i, iii], [1]-383, [384, cont.], map. *Copies*: FAS, U.

Karelin, Grigorij Silyč (Gregor Silitsch, Silovitsch). (1801-1872), Russian botanist, explorer of Siberia. (*Karel.*).

HERBARIUM and TYPES: MW; dupl. B, H, K, LE, LY, OXF, P.
Ref.: Lindemann, Bull. Soc. Natural. Moscou 59(1): 309. 1884.
Herder, Bot. Jahrb. 9: 432, 437-438. 1888.
Borodin, Trav. Mus. bot. Acad. Sci. St. Pétersb. 4: 42-43. 1908.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 454; Barnhart 2: 290; BM 2: 958; Clokie p. 192; CSP 3: 607; Hortus 3: 1197 ("Kar."); IH 2: 342 Lasègue p. 314, 339, 341, 420, 572 [index]; Lipschitz 4: 78-81; MW p. 224, suppl. 151; PR 4590 (ed. 1: 5140-5141); Rehder 5: 445; TR 636-642; Urban-Berl. p. 361; Zander ed. 10, p. 677.
Asmous, J. Arnold Arb. 24(1): 107-117. 1943 (biogr. and bibl. of K. and Kirilov, q.v. for further references to biographies and sources).
Botschantzev, V. P., Novosti Sist. Vyssh. Rast. 13: 248-250. 1976 (on priority of Karelin and Kirilov names).
Boissier, E., Fl. orient. 1: xxviii. 1867.
Govorukhina, Izv. Akad. Nauk Turkm. SSR, Biol. Nauk 1: 23-26. 1976 (portr.; on Transcaspy vegetation).
Karelin, G. S., Bull. Soc. Nat. Moscou 1829(1): 147-150, 1839(2): 141-177, 1841(3): 369-459, 1841(4): 707-770, 1842(1): 124-180, 1842(2): 321-353, 1842(3): 503-542 (details on trips).
Lipsky, V. I., Trudy Tiflissk. bot. Sad. 7(3): 589-789. 1905 (extensive biogr. and bibl.).

EPONYMY: *Karelina* Lessing (1834).

3515. *Enumeratio plantarum in desertis Songoriae orientalis* et in jugo summarum alpium Alatau anno 1841, collectarum auctoribus Gr. Karelin et Joh. Kirilow s.l.n.d. [Moskwa 1842]. Oct. (*Enum pl. desert. Songor.*).
Co-author: Iwan Petrovič Kirilow (1821-1842).
Publ.: late 1842 (rd. Flora 1-7 Jan 1843), p. [i], [1]-233. *Copies*: G, Regensburg, IDC 656. – Reprinted from Bull. Soc. Natural. Moscou 15: 129-180, Jan-Oct 1842; 321-453, Jan-Oct 184; 503-542, late 1842.

Karling, John Sidney (1898-x), American algologist and mycologist at Columbia and Purdue Universities, Ph. D. Columbia Univ. 1926. (*Karling*).

HERBARIUM and TYPES: PUR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 271; GR p. 226; Hirsch p. 146; Kew 3: 214; Langman p. 404; Lasègue p. 466; LS suppl. 13467-13470; Roon p. 59; Stevenson p. 1247. Rickett, H. W., Index Bull. Torrey bot. Club 53-54. 1955.

NOTE: K's main work, *The Plasmidiophorales* (i, 144 p.) was first published New York 1942. A revised second edition appeared in 1968 (New York, Hafner Publishing Co.) xiii, 256 p. (see Taxon 18: 575. 1969); it contains a bibliography of his writings. K's *Chytridiomycetarum iconographia* was published in Vaduz, 1977.

EPONYMY: *Karlingia* A. E. Johanson (1944); *Karlingiomyces* F. K. Sparrow (1960).

Karsch, Anton (1822-1892), German botanist, zoologist and physician; Dr. phil. et med. Greifswald 1846; practicing physician at Münster i.W. 1848, professor of medicine at the University 1852 (extraord.), 1856 (ord.), Geheimer Medizinalrath 1874. (*Karsch*).

HERBARIUM and TYPES: MSTR. – Nat. Nov. 16 (Mar. 1), 1894 cites a set of *Lichenes Europaei exsiccati*, 5 fasc., on which we have no details.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 272; BM 2: 595; Bossert p. 205; CSP 3: 610, 16: 193; IH 2: 343; Jackson p. 312; Kew 3: 215; LS 13563; PR 4591-4592; Rehder 1: 383; Tucker 1: 382.
Anon., Bot. Not. 1893: 39.
Ascherson, P., Ber. deut. bot. Ges. 10: (35)-(39). 1892.
Landois, Jahresber. Westfäl. Prov.-Ver. Wiss. 1891(1): 4-8 (bibl.).

EPONYMY: *Karschia* Körber (1865).

3516. *Vademecum botanicum.* Handbuch zum Bestimmen der in Deutschland wildwachsenden, sowie im Feld und Garten, im Park, Zimmer und Gewächshaus kultivierten Pflanzen. Leipzig (Verlag von Otto Lenz) [1886-]1894. Oct. (*Vadem. bot.*).
Publ.: In 18 parts, 1886-1894, p. [i]-lv, [lvi, err.], [1]-1094, [i]-1. *Copies*: B, BR, L, M, U(2).

fasc.	pages	dates(Nat. Nov.)	fasc.	pages	dates(Nat. Nov.)
1	1-64	Mai 1886	10	577-640	Dec 1889
2	65-128	Sep 1886	11	641-704	Jul 1890
3	129-192	Mai 1887	12	705-768	Jan 1891
4	193-256	Jul 1887	13	769-824	Sep 1891
5	257-320	Nov 1887	14	825-880	Mai 1892
6	321-384	Feb 1888	15	881-944	Oct 1892
7	385-448	Aug 1888	16	945-992	Feb 1893
8	449-512	Feb 1889	17	993-1096	Jun 1893
9	513-576	Jul 1889	18	[i]-lv, [lvi], [i]-l.	Jan 1894

Ref.: K.G., Flora 78: 504. 4 Jun 1891.
Klebahn, Bot. Zeit. 52(2): 150-152. 16 Mai 1894.

3517. *Phanerogamen-Flora der Provinz Westfalen* mit Einschluss des Bentheimschen, Lingenschen, Meppenschen, Osnabrückschen, der Fürstenthümer Lippe-Detmold und Waldeck und der Grafschaften Schaumburg und Itter mit beständiger Rücksicht auf Cryptogamie und Entomologie und einem Anhange der am meisten verbreiteten Zier- und Culturpflanzen von Anton Karsch, . . . Münster (gedruckt und in Commission bei Friedr. Regensburg) 1853. Oct. (*Phan.-Fl. Westfalen*).
Publ.: 1853 (p. x: 4 Nov 1852), p. [i]-lxii, [1]-842. *Copies*: B, L, NY. – Motto: "Wer fertig ist, dem ist nichts recht zu machen, der Werdende wird immer Dankbar sein" (Goethe).

"Es weht in derselben der damals so wild brausende Geist des unsterblichen Schleiden" (Langlois 1891).
Ref.: Anon., Flora 36: 557-558. 21 Sep 1853.
A.G., Bot. Zeit. 11: 881-888, 897-902, 916-922. Dec 1853.

3518. *Flora der Provinz Westphalen.* Ein Taschenbuch zu botanischen Excursionen für Schulen und zum Selbstbestimmen, . . . Münster (in der Aschendorffschen Buchhandlung) 1856. Duod. (*Fl. Westphalen*).

Ed. 1: 1856 (p. ii: 26 Mar 1856), p. [i*], [i]-lviii, [1]-287, [288]. *Copy*: NY.
Ed. 2: 1868 (Flora 18 Jan 1868, "Neuigkeit") (n.v.).
Ed. 3: Münster (id.) s.d. Duod., *publ.* 1875 (p. iv: 2 Sep 1875), p. [i]-lx, [1]-328. *Copies*: G, L.
Ed. 4: Münster (Druck und Verlag von E. C. Brunn) s.d., Oct., *publ.*: Feb-Mar 1879 (p. iv: 2 Sep 1878; Nat. Nov. Mar(2) 1878; Bot. Zeit. 18 Apr 1879), portr. author, p. [i]-lx, [1]-334. *Copy*: HBG.
Ed. 5: Münster (Verlag der Coppenrathschen Buch- & Kunsthandlung) 1889. Oct. *Publ.*: Jun-Jul 1889 (Nat. Nov. Jul(1) 1889; Bot. Zeit. 26 Jul 1889; p. iv: 2 Sep 1888), portr. author, p. [i]-lxiv, [1]-375, [376, err.]. *Copy*: G.
Ed. 6: Münster (id.) 1895. Oct. *Publ.*: Mai 1895 (p. vi: 1 Mar 1895; Nat. Nov. Jun (1, 2) 1895; Bot. Zeit. 16 Jun 1895), p. [i]-lxxii, 1-431, [432, err.]. *Editor*: Friedrich Westhoff (x-1896). *Copy*: HH.
Ed. 7: Münster (id.) 1902. Oct. *Publ.*: Apr 1905 (Nat. Nov. Apr(2) 1902), p. [i]-lxxvi, [1]-431. *Editor*: H. Brockhausen.
Ed. 8: "Flora der Provinz Westfalen und der angrenzenden Gebiete. Ein Taschenbuch zu botanischen Exkursionen für Schulen und zum Selbst-Bestimmen . . . Achte, vielfach vermehrte und verbesserte Auflage, bearbeitet von H. Brockhausen, Oberlehrer." Münster (Westf.) (Universitäts-Buchhandlung Franz Coppenrath) 1911. Oct., *publ.*: Jul 1911 (p. vi: Jun 1911; Nat. Nov. Aug(1) 1911), p. [i]-lxxvi, [1]-391. *Copies*: B, L.

Ref.: Schlechtendal, D. F. L. v., Bot. Zeit. 21: 250. 21 Aug 1863 (rev. of ed. 1 "uns jetzt übersandt").
N.L., Bot. Zeit. 37: 264. 18 Apr 1879 (ed. 4).

Karsten, Georg Henry Herman (1863-1937), German botanist; Dr. phil. Rostock 1885; habit. Leipzig 1892; at Bonn 1899-1909; at Halle 1909-1928; travelled in Indonesia (1888-1890) and Mexico (1894). (*G. Karst.*).

HERBARIUM and TYPES: Algae types at L; other material at HAL and L; hepatics from Amboina at FH.
Ref.: Koster, J., Blumea 2(3): 231. 1936; Taxon 18: 554. 1969.
Sayre, G., Mem. New York Bot. Gard. 19(3): 351. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 298; Barnhart 2: 272; BJI 1: 30, 2: 88; BM 2: 960; Bossert p. 205; CSP 16: 197; De Toni 4: xxxii; Hirsch p. 147; IF 708; IH 2: 343; Kew 3: 215-216; Langman p. 404; Moebius p. 77, 452; MW p. 224; NI 1026-1027; Rehder 5: 446; SK 1: 273-274; TL-2/1: 1711; Tucker 1: 382.
Anon., Hedwigia 77: (109). 1938.
Bergdolt, E., Karl von Goebel ed. 2. 260 [index]. 1941.
Cupp, E. E., Mar. plankton diat. W. coast N. Åmer. 216. 1943.
Sirks, M. J., Indisch natuuronderzoek 203, 213, 215. 1915.
Verdoorn, F., Chron. bot. 4(2): 175 (portr.), 176-177. 1938.
Weber, Ber. deut. bot. Ges. 55: (220)-(230). 1938 (portr., bibl.).

COMPOSITE WORKS: (1) EP, *Die natürlichen Pflanzenfamilien*, ed. 2, *Diatomeae*, 2: [105]-303. 1928.
(2) With H. Schenk (q.v.) *Vegetationsbilder*, Jena 1-16, 1903-1924.
(3) Strasburger et al., *Lehrbuch der Botanik für Hochschulen*, *Phanerogamen*, ed. 6(1904) – ed. 19(1936); also in corresponding English transl.: *A text-book of botany*, ed. 3 (1908, based on German ed. 8) – ed. 6 (1930, based on ed. 17).
(4) *Lehrbuch der Pharmakognosie*, ed. 1(1903), ed. 2, with F. Oltmans (1909); ed. 3, with W. Benecke (1920); ed. 4, with id. (1927); ed. 5, with U. Weber (1937).

FESTSCHRIFT: Flora 128, 1933 (p. 361-363 bibl.; portr.).

3519. *Wissenschaftliche Ergebnisse der deutschen Tiefsee-Expedition auf dem Dampfer "Valdivia"* 1898-1899. Im Auftrage des Reichsamtes des Innern herausgegeben von Xarl Chun ... Zweiter Band. Zweiter Teil. Erste [-dritte] Lieferung G. Karsten ... Jena (Verlag von Gustav Fischer) 1905 [-1907]. Qu. (*Wiss. Erg. Exp. Valdivia).*

Erste Lieferung: "*Das Phytoplankton des antarktischen Meeres* nach dem Material der deutschen Tiefsee-Expedition 1898-1899." *Publ.*: Sep-Nov 1905 (p. 136: mss. rd. Apr 1905; Bot. Zeit. 16 Dec 1905; Nat. Nov. Jan(1) 1906), p. [1]-136, *pl. 1-19*, with text.
Zweite Lieferung: "*Das Phytoplankton des Atlantischen Oceans* nach dem Material der deutschen Tiefsee-Expedition 1898-1899." *Publ.*: Sep-Nov 1906 (p. 138: mss. rd. 19 Dec 1905; date on cover: 1906; Nat. Nov. Dec (1) 1906), p. [137]-219, *pl. 20-34* (= *1-15*), (id.).
Dritte Lieferung: "*Das indische Phytoplankton.* Nach dem Material der deutschen Tiefsee-Expedition 1898-1899." *Publ.*: Dec 1907 (p. [222]: mss. rd. 29 Aug 1907; Nat. Nov. Jan (1) 1908), p. [221]-548, *pl. 35-54* (= *1-20*), (id.).
Vierte Lieferung: by Th. Reinbold, "*Die Meeresalgen der deutschen Tiefsee-Expedition* 1898-1899." *Publ.*: 1907 (t.p.; mss. rd. 9 Jun 1906), cover, p. [549]-586, *pl. 55-58.*
Copies: B, FH, MO, NY.
Facsimile ed. of parts 1-3: announced by Koeltz (1977).

Ref.: Gran-, Bot. Zeit. 64(2): 7-9. 1 Jan 1906 (rev. part 1), 65(2): 42. 1 Feb 1907 (part 2).

Karsten, Hermann [Gustav Karl Wilhelm Hermann] (1817-1908), German botanist; studied botany in the Stralsund pharmacy; travelled in South America 1844-1847, 1848-1856; from 1856-1868 professor of botany in Berlin; 1868-1872 in Wien; from 1872 onward in Berlin. (*H. Karst.*).

HERBARIUM and TYPES: Hitchcock (List 2: 14) cites LE as the location of Karsten types. The location of K's own herbarium is unknown. Alphonse de Candolle (Phytogr.) cites Leningrad as the herbarium with a large set (2000) of Columbian plants collected by Karsten. Another important set is at W (3594). It is not known whether this was the first set, and whether it really contains Karsten's types. Duplicates are in many herbaria (e.g. BM, G, GH, GOET, JE, K, KIEL, L, NY, P, US, W).
Ref.: Anon., Bot. Zeit. 4: 101-104. 1846 (lists of Colombian collections for sale).
Tryon, R., Taxon 12: 103-105. 1963.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 120, 317; Barnhart 2: 272; BJI 1: 30; BM 2: 959-960; CSP 3: 614-615; 8: 53-54, 10: 376; DTS 1: 137-138; GR p. 23; Hortus 3: 1197; IH 2: 343; Jackson p. 376, 565 [index]; Kew 3: 216; LS 13564-13587; Moebius p. 76, 104, 178, 215; NAF 28B(2): 340; NI 1028-1029; PR 4593-4606, 10584 (ed. 1: 5144); Ratzeburg p. 275-279(!); Rehder 5: 446; RS p. 90; Tucker 1: 382; Urban-Berl. p. 265, 288, 303, 361; Zander ed. 10, p. 677. – *Note*: not all CSP refs. are referable to this author.
Anon., Bot. Not. 1908: 212; Bot. Zeit. 66(2): 288. 1908.
Embacher, F., Lexikon Reisen 161. 1882.
Karsten, H., Ges. Beitr. Anat. Physiol. Pfl., 2 vols. Berlin 1865, 1890.
Mägdefrau, K., Neue deut. Biogr. II: 305-306. 1977 (many refs.).
Müller, Natur 1871 (nos. 16-29) (fide Ratzeburg).
Röhl, Bol. Acad. Ci. fis. mat. nat. 8(25): 991-1025. 1944 (extensive study on his S. Amer. studies; portr.).

EPONYMY: *Karstenia* Goeppert (1836) is dedicated to Carl Johann Bernard Karsten (1782-1853), German mining engineer.

3520. *Die Vegetationsorgane der Palmen.* Ein Beitrag zur vergleichenden Anatomie und Physiologie ... Berlin (Abgedruckt aus den Schriften der königl. Akademie der Wissenschaften, Jahrgang 1847. In Commission bei F. Schneider). [1848]. Qu. (*Veg.-Org. Palmen*).
Publ.: Dec 1847 or early 1848, (p. [viii]: 26 Nov. 1847; Bot. Zeit. 30 Jun 1849), p. [i-viii], [1]-163, *pl. 1-9* (uncol. liths. auct.). *Copy*: NY. – Reprinted from Abh. k. Akad. Wiss., Berlin 1847: 73-236.

3521. *Auswahl neuer und schön blühender Gewächse Venezuela's* beschrieben von Hermann Karsten. Mit Abbildungen von C. F. Schmidt. Berlin (Verlag der Deckerschen geheimen Ober-Hofbuchdruckerei). 1848 [-1849]. Qu. (*Auswahl Gew. Venez.*).

Heft 1: [1]-20, *pl. 1-6, publ.*: 1-10 Jan 1848.
Heft 2: [21]-40, *pl. 7-12, publ.*: 4-5 Jan 1849.
Copies: G, NY, US. The twelve plates are hand-coloured lithographs by C. F. Schmidt.

Ref.: Schlechtendal, D. F. L. v., Bot. Zeit. 6: 64-66. 21 Jan 1848 (see also p. 268-269) (Heft 1), 7: 455-456. 22 Jun 1849 (Heft 2).

3522. *Plantae columbianae.* Fasciculus primus. Halis Saxonum [Halle] (Typis Gebauerio-Schwetschkianis) 1857. Oct. (*Pl. columb.*).
Publ.: Jan 1857, p. [i], [1]-118. *Copies*; US(2). – Reprinted from Linnaea 28: 241-256. Sep 1856, 257-282. Jan 1857, 387-462. Jun 1857.

3523. *Florae Columbiae* terrarumque adiacentium specimina selecta in peregrinatione duodecim annorum observata delineavit et descripsit H. Karsten . . . Berolini (apud Ferdinandi Duemmleri successores) 1858 [i.e. 1859]- 1869, 2 vols. Fol. (*Fl. Columb.*)

Vol. 1: [i-viii], [1]-200, *pl. 1-100* (t.p. 1858-1861, but p. vii-viii dated Feb 1859, part 1 publ. 6 Apr 1859, even though dated 1858 on orig. cover).
Vol. 2: [i-iv], 1-188, *pl. 101-200* (t.p. dated 1862-1869).
Copies: G, MICH, MO (orig. covers; pagination vol. 2: 1-194), NY, U, US, USDA (orig. covers); IDC 1356.

part	pages	*plates*	dates	part	pages	*plates*	dates
1,1	[i-ii], [1]-42	*1-20*	6 Apr 1859	2,1	1-40	*101-120*	15 Dec 1862
2	43-82	*21-40*	13 Feb 1860	2	41-80	*121-140*	14 Dec 1863
3	83-122	*41-60*	5 Dec 1860	3	81-114	*141-160*	27 Oct 1865
4	123-162	*61-80*	8 Apr 1861	4	115-154	*161-180*	28 Nov 1866
5	163-200	*81-100*	29 Nov 1861	5	[i-iv], 155-188	*181-200*	24 Aug 1869

The 200 plates are coloured or uncoloured lithographs of drawings mostly by Düwel and C. F. Schmidt (see NI, suppl.)

Preliminary publication of new taxa: see his *Plantae columbianae*, Linnaea 28: 241-256. Sep 1856, 257-282. Jan 1857, 387-462. Jun 1857 (contains e.g. on p. 387 the description of *Jessenia*, see TL-2/2: 442-443 (for Jessen), a genus of Palmae, and on p. 394 of *Augustinea* (id.).
Ref.: Duchartre, Bull. Soc. bot. France 14(bibl.): 1-4. 1867 (until 2(4)).
Karsten, Bot. Jahrb. 8: 335-377. 1887 (comparison with Bentham and Hooker); see also Flora 70: 498. 1887.
Sleumer, Taxon 7: 58-59. 1958.
Tryon, Taxon 12: 103-105. 1963.

3524. *Zur Geschichte der Botanik* . . . (Verlag von R. Friedländer & Sohn. Druck von J. B. Wallishauser in Wien) 1870. Qu. (*Gesch. Bot.*).
Publ.: Mai 1870 ("soeben" Bot. Zeit. 6 Mai 1870), p. [i]-vii, [1]-37. *Copies*: BR, G, L, M. – Reprinted from Allgemeine Wiener medizinische Zeitung 1870. Essentially a defense against attacks by his predecessor Unger.
Ref.: Willkomm, M., Flora 53: 262-264. 1870.

3525. *Deutsche Flora.* Pharmaceutisch-medicinische Botanik. Ein Grundriss der systematischen Botanik zum Selbststudium für Aerzte, Apotheker und Botaniker . . . Mit Abbildungen von 1138 Pflanzenarten. Berlin (Verlag von J. M. Spaeth) 1880 bis 1883. Oct. (*Deut. Fl.*).

Ed. 1, in 13 "Lieferungen", p. [i*-iv*], [i]-iv, *1-28*, [i** t.p. 1880], [ii, symbols], [1]-1284, *fig. 1-621*. *Copies*: G, NY, US, USDA.

Lief.	pages	publ.	Lief.	pages	publ.
1	1-128	Nov 1880	8	721-816	Jul 1882
2/3	129-336	Feb 1881	9	817-912	Sep 1882
4	337-432	Mai 1881	10	913-1008	Nov 1882
5	433-528	Sep 1881	11	1009-1104	Mar 1883
6	529-624	Feb 1882	12	1105-1208	Mai 1883
7	625-720	Mai 1882	13	1209-1284	Oct 1883

The dates are based on references in Naturae Novitates and Oesterr. bot. Z.; see also memorandum Barnhart in copy at G. The pages [i**-ii**] are not always present. Pages [i]-iv and *1-18* were issued Oct 1883.

Ed. 2, in 22 "Lieferungen", *vol. 1*: [i-iv], [1-87, index], [1]-27, [1]-491, *ill. 1-324*. *Copies*: BR, G, L, MO, USDA. *Vol. 2*: [i]-vii, [viii], [1]-790, [1-2, expl.], *ill. 325-745*. *Copies*: id.
Title: "*Flora von Deutschland, Oesterreich und der Schweiz*. Mit Einschluss der fremdländisch medicinisch und technisch wichtigen Pflanzen, Droguen und deren chemisch-physiologischen Eigenschaften. Für alle Freunde der Pflanzenwelt von Hermann Karsten . . . Zweite vermehrte und verbesserte Auflage. Mit Abbildungen von 1400 Pflanzenarten in Holzschnitt. Gera-Untermhaus (Reuss) (Verlag von Fr. Eugen Köhler) [1894-]1895, 2 vols. Oct.

Lief.	vol.	pages	dates	Lief.	vol.	pages	dates
1	2	1-80	Feb 1894	12	1	449-491	Sep 1894
2/3	1	1-64	Mar 1894		2	273-288	Sep 1894
	2	81-144	Mar 1894	13/15	2	289-480	Oct 1894
4	2	145-208	Apr 1894	16/17	2	481-608	Nov 1894
5	2	209-272	Mai 1894	18	2	609-672	Dec 1894
6				19	2	673-736	Jan 1895
7				20	2	737-785	Feb 1895
8	1	193-256	Jul 1894		1	1-16	Feb 1895
9/10	1	257-384	Aug 1894	21/22	1	17-27, 91	Aug 1895
11	1	385-448	Aug 1894		2	[i-viii], 785-790, [2]	Aug 1895

Reissue ed. 2: 1920 (Nat. Nov. Oct (1,2) 1920).

3526. *Illustrirtes Repetitorium der pharmaceutisch-medicinischen Botanik* und Pharmacognosie . . . Berlin (Verlag von Julius Springer) 1886. Oct. (*Ill. Repet. pharm.-med. Bot.*).
Publ.: Oct 1886 (Nat. Nov. Nov(1) 1886), p. [i]-iv. [1]-310, *Fig. 1-477*. *Copy*: USDA.
Ref.: D., Flora 70: 174-175. 11 Apr 1887.

3527. *Abbildungen zur deutschen Flora* H. Karsten's nebst den ausländischen medicinischen Pflanzen und Ergänzungen für das Studium der Morphologie und Systemkunde. Herausgegeben von R. Friedländer & Sohn. Berlin (R. Friedländer & Sohn) 1891. Qu. (*Abbild. deut. Fl.*).
Publ.: Aug 1891 (Nat. Nov. Aug(2) 1891, Sep(1) 1891; Bot. Zeit. 25 Sep 1891), p. [i-viii], sign. 1-26, 27^2 with *fig. 1-709* with text. *Copies*: B, M, MO, NY, Stevenson.
Ref.: K.G., Flora 74: 530-531. 3 Oct 1891.

Karsten, Petter [Peter] Adolf (1834-1917), Finnish mycologist; Ph. D. Helsinki 1859; teacher at the Wasa Gymnasium 1862-1864; lecturer in botany at Mustiala agricultural college 1864-1908; later in Forssa. (*P. Karst.*).

HERBARIUM and TYPES: H (rd. 1905); large set at UPS. – Exsiccatae: (information T. Ahti)
(1) *Fungi fenniae exsiccati*, Samling af finska svampar, nos. 1-1000, Åbo 1861-1870. (Karsten collected and distributed some specimens in this series long after the original dates of issue.) Sets at FH, H.
(2) *Parasitsvampar på lefvande, odlade vexter*. Första Dekaden. Nos. 1-10. Åbo 1865. (n.v., fide Saelan and LS).

(3) *Parasitsvampar på finska skogsträd*, Nos. 1-43. (n.v., fide Saelan and LS).
(4) *Die Pilze der finnischen Waldbäume*. Nos. 1-32 (n.v., fide Saelan and LS).
(5) *Parasitsvampar på finska kulturväxter*. Af P. A. Karsten I-II. No. 1-49. Labels printed. Set at H. Undated.
(6) *Parasit-svampar på lefvande, i Finland odlade växter*, Af P. A. Karsten. No. 1-60. Mustiala 1876. Set at H. Labels handwritten; bound book.
(7) *Fungi parasitici fennici saluti hominis noxii exsiccati*. No. i-xii. Undated. Set at H. Labels handwritten.
Ref.: Hawksworth p. 183; IH 2: 343; LS 35236-35239; NAF 7: 1072. 1940; Saelan p. 575-576.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 226; Barnhart 2: 272; BM 2: 960; Bossert p. 205; CSP 8: 54, 10: 376-377. 12: 379, 16: 197-198; Frank 3(Anh.): 50; GR p. 609-610, cat. p. 65; Jackson p. 328, 565 [index]; Kew 3: 217; KR p. 340; LS 13588-13651, 35236-35242, suppl. 13480; MW p. 224, suppl. p. 151; Saelan p. 220-226; Stevenson p. 1247; TR 648-665.
Anon., Nat. Nov. 1901: 161; 1917: 411.
Collander, R., Hist. bot. Finland 53-56, 57, 105, 112, 115. 1965; Collander et al., Bibl. Bot. fenn. 1901-1950: 233. 1973 (q.v. for various biogr. references not listed here) (complete bibl. from 1900, supplementary to Saelan 1916).
Elfving, Öfv. Finska Vetensk.-Soc. Förh. 61, C: 1-19. 1921 (add. bibl.; portr.); Luonnon Ystävä 21: 90-92. 1917 (portr.).
Harshberger, J. W., Bot. Philadelphia 269. 1899.
Hesler, L. R., Biogr. Sketches North Amer. mycol. 1975, mss.
Hintikka, Z. Pilzk. 18: 16-21. 1934; Friesia 1(4): 203-229. 1935 (bibl. of secondary literature, portr.); Karstenia 1: 5-14. 1950 (portr.).
Killermann, S., Z. Pilzk. 15(2): 37. 1931 (somewhat negative evaluation of the taxonomic value of K's work; biogr. details incomplete; see Hintikka 1934).
Konow, E. v., Mustialan muistojulkaisu [Denkschr. landw. Inst. Mustiala] 285-289. 1928 (fide Hintikka 1950).
Lloyd, C. G., Mycol. notes 50: 701-702. 1917 (portr.; biogr. details incomplete; see Hintikka 1934).
Lowe, Mycologia 48: 99-125. 1956.
Luther, H., Biographical Introduction to facsimile reprint 1966, p. iii-vii.
Viljanen, E., Lounais-Hämeen Luonto 1: 55-57. 1956.
Wittrock, V. B., Acta Horti Berg. 3(3): 93, *pl. 119*. 1905 (portr.).

EPONYMY (genera): *Karstenella* H. Harmaja (1969); *Karstenia* E. M. Fries ex P. A. Saccardo (1889); *Karstenia* Britzelmayr (1897); *Karstenula* Spegazzini (1879); (journal): *Karstenia*. Journal of Scientific and Practical Mycology. Published by The Finnish Mycological Society. Helsinki. Vol. i-x. 1950-x.

3528. *Sydvestra Finlands Polyporeer*. Akademisk afhandling, hvilken med den vidtberömda Fysisk-Mathematiska Fakultetens vid Kejserl. Alexanders-Universitetet i Finland samtycke och under inseende af Alexander von Nordmann, . . . för Licentiatgrad till offentlig granskning utgifves af Peter Adolf Karsten, F.-M.K. I historisk-filologiska lärosalen den 14 December 1859 p.v.t.f.m. Helsingfors (J. C. Frenckell & Son) 1859. Oct. (*Sydv. Finl. Polypor.*).
Publ.: shortly before 14 Dec 1859, p. [1]-47. *Copies*: H, L.
Reprint: Coll. mycol. pap. 1: [1]-47.

3529. *Synopsis Pezizarum et Ascobolorum fenniae*. Öfversigt af i Finland funna arter af svampslägtena Peziza och Ascobolus, Akademisk afhandling, hvilken med tillstånd af den vidtberömda Fysisk-Matematiska Fakulteten vid K. Alexanders-Universitet i Finland till offentlig granskning framställes af Peter Ad. Karsten, . . . i hist.-fil. lärosalen den 30 oktober 1861 p.v.t.f.m. Helsingfors (J. C. Frenckell & Son) 1861. Oct. (*Syn. Peziz. Ascob. fenn.*).
Publ.: 30 Oct 1861, p. [i*], [i]-[iii], [1]-45. *Copies*: H, L (photogr.).
Reprint: Coll. mycol. pap. 1: 53-97.

3530. *Enumeratio fungorum et myxomycetum in Lapponia orientali* aestate 1861 *lectorum*. Auctore P. A. Karsten, s.l.n.d. [Helsingfors 1866]. Oct. (*Enum. fung. Lapponia*).

Publ.: 1866, p. [193]-224. *Copies*: BR, H. – A preprint, with unchanged pagination from Not. Sällsk. Fauna Fl. fenn. Förh. 8: 193-224, map, 1882.
Repr.: Coll. mycol. pap. 2(27): 1305-1337.

3531. *Finlands ekonomiska flora*, utgifven af D:r P. A. Karsten. I. Basidbärende Svampar. Abo (Frenckellska boktryckeriet) 1867. Oct. (*Finl. ekon. fl.*).
Publ.: 1867, p. [i]-ix, [1]-46. *Copies*: BR, H, L.
Repr.: Coll. mycol. pap. 1(4): 103-158.

3532. *Monographia Pezizarum fennicarum* . . . Helsingfors (Theodor Sederholms boktryckeri) 1869. Oct. (*Monogr. Peziz. fenn.*).
Publ.: 2 Oct-6 Nov 1869 (in journal, fide P. Isoviita), p. [99], [102]-206. *Copy*: Stevenson. – Reprinted from Notiser Sällsk. Fauna Fl. fenn. Förh. 10: [99]-206. 1869 – See also Hedwigia 8: 162-166. Nov. 1869.
Reprint: Coll. mycol. pap. 1(11): 203-310. 1973.

3533. *Symbolae ad mycologiam fennicam* auctore P. A. Karsten authorized reprint with a biographical introduction by Hans Luther. Lehre (J. Cramer) New York. London (Johnson Reprint Corporation) 1966. Oct. (*Symb. mycol. fenn.*).
Publ.: 1966, p. [i]-vii (Intr. by H. Luther), followed by a reprint of the 31 periodical articles generally published as preprints (*copies*: H) under this name by Karsten between 1870 and 1895. The periodicals are: Notiser Sällsk. Fauna Fl. fenn. Förh. (*Not.*), Medd. Soc. Fauna Fl. fenn. (*Medd.*), and Acta Soc. Fauna Fl. fenn. (*Acta*).

pars	periodical	pages	dates
[i]	Not.	11: 211-268	1870
ii	—	13: 219-248	1873
iii	Medd.	1: 55-59	1876
iv	—	2: 171-183	1878
v	never published		
vi	Medd.	5: 15-46 (repr. 1-32)	Nov-Dec 1879
vii	—	6: 1-6	1881
viii	—	6: 7-13	1881
ix	—	9: 39-56	Jun-Dec 1882
x	—	9: 57-67	Nov-Dec 1882
xi	—	9: 68-71	Dec 1882
xii	—	9: 110-112	Mar-Dec 1883
xiii	—	11: 1-20	Mar-Aug 1884
xiv	—	11: 21-27	Apr-Aug 1884
xv	never published		
xvi	Medd.	11: 148-161	Apr-Sep 1884
xvii	—	13: 159-165	Mai-Jun 1886
xviii	—	14: 78-84	Jan-Mai 1887
xix	—	14: 85-94	Jan-Mai 1887
xx	—	14: 95-102	Apr-Mai 1887
xxi	—	14: 103-110	Apr-Mai 1887
xxii	—	14: 147-152 (repr. 143-148)	Apr-Dec 1887
xxiii	—	16: 1-13	1888
xxiv	—	16: 14-19	1888
xxv	—	16: 20-26	Apr-Dec 1888
xxvi	—	16: 27-32	Apr-Dec 1888
xxvii	—	16: 33-36	Apr-Dec 1888
xxviii	—	16: 37-45	Nov-Dec 1888
xxix	—	16: 84-106	Jan-Feb 1890
xxx	—	18: 61-68	1891
xxxi	—	18: 69-74	1891
xxxii	Acta	9(1): 1-11	Jan-Oct 1893
xxxiii	—	11(5): 1-4	1895

Copy: FAS. – ISBN 3-7682-0352-2.

3534. *Mycologia fennica* auctore P. A. Karsten (Authorized reprint under the supervision of Hans Luther (Helsingfors)). Reprint 1966 Lehre (Verlag von J. Cramer), New York-London (Johnson Reprint Corporation) 1966. Oct. (*Mycol. fenn.*).
Publ.: 1966. – t.p. followed by a facsimile reprint of the four parts of *Mycologia fennica* as published originally in Bidrag till kännedom af Finlands Natur och Folk, utgifna af Finska Vetenskaps-Societeten, Helsingfors, 1871-1879 as follows:

1: *Bidr.*19, 1871 (p. [2]: Dec 1870; Hedwigia Aug 1873, Bot. Zeit. 7 Nov 1873), p. [i*-iii*], [i]-viii, [1]-263, [264, err.].
2: *Bidr.* 23, 1873 (Hedwigia Sep 1874), p. [i*-iii*], [i]-ix, [1]-250, [1-2, err.].
3: *Bidr.*25, 1876 (Hedwigia Jun 1877), p. [i*-iii*], [i]-x, [1]-377.
4: *Bidr.* 31, Jan-Mar 1879 (Hedwigia Apr 1879, Nat. Nov. Apr(1) 1879), p. [i*-iii*], [i]-viii, [1]-143.
Copies: G, H, MO, NY, Stevenson.
Facsimile ed. (see heading), ISBN 3-7682-0353-0. – *Copies*: FAS, MICH.

3535. *Rysslands, Finlands och den Skandinaviska halföns Hattsvampar*, af D:r P. A. Karsten, . . . [Helsingfors 1879-1882], 2 vols. Oct. (*Ryssl. Hattsvamp.*).

Förra Delen: Skifsvampar, *publ.*: Jul-Dec 1879 (p. [v]: Jun 1879, Nat. Nov. Apr(1) 1880, Hedwigia Mai 1880; Bot. Zeit. 28 Mai 1880; J. Bot. Jul 1880), p. [i]-xxviii, [1]-571. *Copies*: G, H, MICH, NY, Stevenson. – Bidrag till kännedom af Finlands Natur och Folk vol. 32, 1879.
Sednare Delen: Pip-, Tagg-, Hud-, Klubb- och Gelésvampar, *publ.*: 1882 (Nat. Nov. Dec(2) 1882, Hedwigia Jan 1883), p. [i]-xix, [1]-257. *Copies*: G, H, MICH, MO, NY, Stevenson. – Ib. vol. 37. 1882.
Reprint: Coll. mycol. Pap. 1(20): 373-966, 2(20): 971-1245.

3536. *Hymenomycetes fennici enumerati* . . . Helsingforsiae (ex officina typographica heredum J. Simelii) 1881. Oct. (*Hymenomyc. fenn.*)
Publ.: Oct-Dec 1881 (submitted 1 Oct 1881; Hedwigia Jan 1882; Nat. Nov. Jan(2) 1882; Bot. Zeit. 24 Feb 1882), p. [1]-40. *Copies*: H. Stevenson. – Reprinted from Acta Soc. Fauna Fl. fenn. 2(1): [1]-40. 1881. – See also Rev. mycol. 4: 129-130. 1882.
Facsimile ed.: Coll. mycol. pap. 2: 1265-1304. 1973.

3537. *Finlands Rost- och Brandsvampar* (Hypodermii), i korthet beskrifna af P. A. Karsten [Helsingfors 1884]. Oct. (*Finl. Rost- Brandsvamp.*).
Publ.: Jan-Apr 1884 (Nat. Nov. Apr (2) 1884; Hedwigia Mar 1884; Bot. Zeit. 30 Mai 1884), p. [i]-vi, [1]-118. *Copies*: H, MO, Stevenson. – Bidrag till kännedom af Finlands Natur och Folk 39, 1884.
Reprint: Coll. mycol. pap. 2(63): 1481-1604.

3538. *Revisio monographica atque synopsis ascomycetum in Fennia* hucusque cognitorum auctore P. A. Karsten . . . Helsingforsiae (Ex officina typographica heredum J. Simelii) 1885. Oct. (*Revis. ascomyc. Fennia*).
Publ.: Jan-Jun 1885 (communicated 6 Dec 1884, Nat. Nov. Jul(1) 1885; Bot. Zeit. 27 Nov 1885), p. [1]-174. *Copies*: G, H, MICH, Stevenson, U. – Reprinted from Acta Soc. Fauna Fl. fenn. 2(6): [1]-174. 1885. – See also Bot. Centralbl. 24: 322. 1885.
Reprint: Coll. mycol. pap. 3(66): 1609-1778.

3539. *Icones selectae hymenomycetum fenniae* nondum delineatorum. Editae sub auspiciis Societatis scientarum Fenniae cura P. A. Karsten . . . Fasciculus primus [secundus, tertius] Helsingforsiae (Typis Litografiska Tryckeribolaget) 1883 [1885] [-1889]. Oct. (*Icon. hymenomyc. fenn.*)

Fasc. 1: Jul 1885 (t.p. 1883, but p. [3] 1885, Nat. Nov. Jul(2) 1885; Bot. Zeit. 17 Jul 1885 "soeben"), p. [1]-15, *pl. 1-9*, col. liths. by L. Fabritius and P. A. Karsten. Preprinted from Acta Soc. Sci. fenn. 15: [181]-195, *pl. 1-9*. 1888.
Fasc. 2: 1887 (t.p. 1887; communicated 20 Dec 1886; Nat. Nov. Jan(1) 1889, as of "1888"), p. [1]-15, *pl. 6-11*, id. Preprinted from Acta Soc. Sci. fenn. 16: [525]-528, *pl. 6-11*. 1888.

Fasc. 3: 1889 (t.p. 1889; Nat. Nov. Jan(2) 1890), p. [1]-10, *pl. 1-6* (C. J. H. Karsten del.). – Acta Soc. Sci. fenn. 18: [101]-110, *pl. 1-6*.
Copies: G, MICH (orig. pag.); MO, Stevenson (orig. pag.), USDA, IDC 5098.
Reprint: Coll. mycol. pap. 3(72): 1795-1809, 3(73): 1810-1822, 4(89): 2419-2428.

3540. *Fungi*, in *Plantae turcomanicae* a G. Radde et A. Walter collectae. Petropoli [St. Petersburg] 1888. Oct. (*Fungi, Pl. turcom.*).
Publ.: 1889, p. [1]-22. *Copies*: G, H. – Reprinted from Acta Horti Petrop. 10(2): 549-562. 1889.

3541. *Kritisk öfversigt af Finlands basidsvampar* (Basidiomycetes; Gastero- & Hymenomycetes.) af P. A. Karsten [Helsingfors 1889]. Oct. (*Krit. öfvers. Finl. basidsvamp.*)
Publ.: Jan-Sep 1889 (p. 4: Oct 1887; Nat. Nov. Oct(1) 1889), p. [1]-470. *Copies*: G, H – Bidrag till Kännedom af Finlands Natur och Folk 48, 1889. See also Bot. Centralbl. 43: 383-388. 1890.
Tillägg I: Jan-Feb 1892 (Nat. Nov. Mar(2) 1892; Hedwigia rd. before Sep), p. [1]-54. *Copy*: Stevenson. – Bidrag 51: 177-230. 1892.
Tillägg II: 1893 (t.p. 1893), p. [1]-32. *Copy*: Stevenson. – Bidrag 54: 155-186. 1894.
Tillägg III: 1898 (t.p. 1898, communicated 18 Oct 1887); Nat. Nov. Aug(2) 1899), p. [1]-36. – Bidrag 62: 65-100. 1903. *Copies*: H, MICH, MO, Stevenson.
Reprint: Coll. mycol. pap. 3(80): 1840-2308), 3(91): 2432-2484, 3(94): 2678-2708, 3(96): 2712-2746.

3542. *Sphaeropsideae* hucusque in Fennia observatae . . . Helsingfors (J. Simelli arfvingars boktryckeri aktiebolag) 1890. Oct. (*Sphaeropsideae*).
Publ.: Jan-Sep 1890 (submitted 7 Dec 1889; Nat. Nov. Oct (1) 1890), p. [1]-86. *Copies*: H, Stevenson. – Acta Soc. Fauna Fl. fenn. 6(2): [1]-86. 1890.
Facsimile ed.: Coll. mycol. papers 4: 2334-2418. 1973.

3543. *Finlands mögelsvampar*. (Hyphomycetes fennici) af P. A. Karsten, Helsingfors 1892. Oct. (*Finl. mögelsvamp.*)
Publ.: Jan-Aug 1892 (Nat. Nov. Sep(1) 1892), p. [1]-192. *Copies*: H, Stevenson. – Bidrag till Kännedom af Finlands Natur och Folk 51: [343]-534. 1892.
Reprint: Coll. mycol. pap. 4(92): 2485-2676. 1973.

3544. *Finlands basidsvampar* i urval beskrifna af P. A. Karsten. Med nio taflor och sex bilder i texten. Helsingfors (Helsingfors Centraltryckeri) 1899. Oct. (*Finl. basidsvamp.*).
Publ.: before 7 Oct 1899 (Nat. Nov. Jan(1) 1900), p. [i], [1]-186, *pl. 1-9* (uncol.). *Copies*: H, MICH, MO, Stevenson. – Floristiska Handböcker för nybegynnare utgifna af Societas pro Fauna et Flora fennica I.
Facsimile ed.: Coll. mycol. pap. 4(97): 2747-2943.

3545. Petter Adolf Karsten (1834-1917) *Collected mycological papers* chronologically arranged and edited by L. Vogelenzang. Amsterdam (A. Asher & Co. b.v.) 1973, 4 vols. (*Coll. mycol. pap.*).
Publ.: 1973, ISBN 90-6123-246.5, reprint of all papers (101) except the *Symb. mycol. fenn.* and *Mycol. fenn.* (see 3533, 3534), provided with original pagination and a running set of page nos. ([1]-2980) accompanied by numbers indicating the article itself. *Copy*: FAS. – *1*: [i-ix, intr., list], [1]-969; *2*: [i], 971-1607; *3*: [i], 1609-2308; *4*: [1]-2309-2983.
Ref.: Stafleu, F. A., Taxon 23: 412-413. 1974.

Kashyap, Shiv Ram (1822-1934), Pakistani botanist; from 1919 professor of botany at the University of Panjab, Lahore. (*Kash.*)

HERBARIUM and TYPES: LAH; further material at K.
Ref.: Stewart, R. R., Pakistan J. Forestry 17: 349. 1967.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 272; BJI 2: 88; IH 2: 344; Kew 3: 218; MW p. 225; SBC p. 124 ("Kash.").
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Chopra, Ann. bryol. 8: 57-62. 1935 (portr.).
Schuster, R. M., Hep. Anthoc. N. Amer. 1: 65. 1966.

EPONYMY: *Kashyapia* R. S. Chopra (1975).

3546. *Liverworts of the Western Himalayas* and the Panjab plain (illustrated) . . . Lahore (published by the University of the Panjab, Lahore) 1929-1932, 2 parts. (*Liverw. W. Himal.*). *Co-author* (for part 2): Ram Saran Chopra.

Part 1: 1929 (p. ii: Jun 1929; J. Bot. Aug 1930), p. [i*], [i]-ii, [1, cont.], map, [1]-129, *pl. 1-25*.
Part 1 supplement: 1932 (J. Bot. Sep 1933), p. [i], [1]-10.
Part 2: 1932 (J. Bot. Sep 1933; Rev. bryol. 15 Nov 1934), p. [i-v], [1]-137, *pl. 1-31* with text.
Copies: MICH, MO, NY, Steere.
Facsimile ed.: New Delhi 1973 (or 1972) (announced by the trade, n.v.).

3547. *Lahore district flora* by the late Shiv Ram Kashyap, . . . revised and completed by Amar Chand Joshi, . . . with a forword by Haraprasad Chaudhuri, . . . Published by the University of the Panjab, Lahore 1936. Oct. (*Lahore fl.*).
Publ.: late 1936 (p. iv: 26 Nov 1936), p. [i]-iv, [1]-285, *fig. 1-216*. *Copies*: MO, USDA.

Kauffman, Calvin Henry (1869-1931), America mycologist of Pennsylvania-Dutch origin at the University of Michigan, Ann Arbor, Michigan; Ph. D. Ann Arbor 1907; instructor of botany 1904; assist. professor 1912; associate professor 1920; full professor 1923; founder of the Ann Arbor mycological school. (*Kauffm.*).

HERBARIUM and TYPES: MICH; further material e.g. at NY.
Ref.: Kauffman, C. H., Mich. Acad. Sci. 1: 101-150. 1921 (Mycological flora of the higher Rockies of Colorado).
Shope, Mycologia 21: 295. 1929.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 273; Bossert p. 206; DAB (by J. A. Stevenson); Hirsch p. 147; IH 2: 345; Kew 3: 221; LS 13662-13663, 35251-35257, suppl. 13519-13544; NAF 2(1): 71, 9(6): 439; Stevenson p. 1247; TL-2/1: 781.
Anon., Mycologia 23(5): 407. 1931; Science 74: 9. 1931; Torreya 31: 128. 18 Aug 1931.
Ewan, J., Rocky Mountain naturalists 242. 1950.
Hesler, L. R., Biogr. sketches North Amer. mycol. 1975, mss.
Humphrey, Makers N. Amer. Bot. 132-133. 1961.
Kaufmann, C. H., Ann. Rep. Mich. Acad. Sci. 17: 217-223. 1915 (list bryoph. Mich.).
Lloyd, C. G., Mycol. notes 46: 637-638. 1917 (portr.).
Mains, Phytopathology 22: 271-275. 1932 (complete bibl.); Mycologia 24: 265-267. 1932 (portr.).
Murrill, W. A., Historic found. bot. Florida 31. 1945.
Rickett, H. W., Index Bull. Torrey bot. Club 54. 1955.
Rogers, D. P., Brief hist. mycol. N. Amer. 35. 1977.

COMPOSITE WORKS: NAF, *Agaricaceae-Inocybe*, 10(4): 227-261. 29 Nov. 1924; *Cortinarius*, 10(5): 283-348. 21 Nov 1932 (TL-2/781).

3548. *The Agaricaceae of Michigan* . . . Lansing, Michigan (Wynkoop Hallenbeck Crawford Co., State Printers) 1918 [i.e. 1919], 2 vols. Qu. (*Agaric. Michigan*).

Vol. 1, text: 1919 (submitted 10 Feb 1918, t.p. 1918, but see Murrill 1920), frontisp. portr. Fries, [i]-xxvii, [1]-924.
Vol. 2, atlas: 1919 (t.p. 1919, but see Murrill), p. [1]-10, *pl. 1-172* (uncol.).
Copies: MICH, MO, NY, Stevenson, USDA. – Michigan geological and biological survey publication 26 biological series 5.
Reprint: 1971, "*The gilled Mushrooms* (*Agaricaceae*) *of Michigan* and the Great Lakes Region", ISBN 0-486-223965-5, New York (Dover Publications, Inc.), 2 vols. *Copy*: NY; IDC 433.
Ref.: Murrill, W. A., Mycologia 12(3): 166. 5 Jun 1920.

Kaulfuss, Georg Friedrich (1786-1830), German botanist; Dr. jur. et phil. Halle 1816; extra-ord. prof. forestry at Halle 1823; ord. prof. of botany ib. 1818. (*Kaulf.*)

HERBARIUM and TYPES: The Kaulfuss herbarium was sold after his death. A circular announcing the sale and describing the rich herbarium is at G. Kaulfuss acquired the herbarium of Johann Karl Friedrich Meyer (Stettin, 1739-1811). This herbarium contained material from Isert, Pallas, Thunberg, Swartz, Vahl and Willdenow. According to Flora (1832), "Römer", at Dresden acquired the Kaulfuss Pteridophytes. The identity of this Römer is not known to us. Bryophytes are at B (Bridel, still extant), L (id.) and LZ (destroyed). Some ferns are at PH. Some material of Kaulfuss (e.g. at M) in other herbaria may be of Johann Simon Kaulfuss. – Information on B courtesy W. Schultze-Motel. For biographical information we are indebted to S. Rauschert.
Ref.: Anon., Anzeige über den Verkauf einer bedeutenden Pflanzensammlung [Halle, circa 1831].

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 150; Barnhart 2: 274 (*b.* 1786); BM 2: 962; CSP 3: 619; Hortus 3: 1197 ("Kaulf."); IF 708-709, suppl. 1: 82; Jackson p. 150; Kew 3: 222; Lasègue p. 320, 335, 545; Moebius p. 128, 132, 134, 135; MW p. 225; PR 4608-4610 (ed. 1: 5147-5149); Zander ed. 10, p. 677.
Anon., Flora 14: 48. Int. Bl. 2: 6-8, 3: 7. 1831, 15: 119, 384. 1832 (Pteridophytes with Römer).
Kraus, G., Bot. Gart. Halle 2: 78-82. 1894.
Schrader, Kraus u. Runde, Chronik der Stadt Halle 154. 1933 (inf. S. Rauschert).

EPONYMY: *Kaulfussia* C. G. D. Nees (1820); *Kaulfussia* Blume (1828).

3549. *Enumeratio filicum* quas in itinere circa terram legit Cl. Adalbertus de Chamisso adiectis in omnia harum plantarum genera permultasque species non satis cognitas vel novas animadversionibus ... Cum tabulis aeneis duabus. Lipsiae [Leipzig] (sumtibus Caroli Cnobloch) 1824. Oct. (*Enum. filic.*).
Collector: Ludolf Adalbert von Chamisso (1781-1838), see TL-2/vol. 1, p. 482.
Publ.: 8 Apr-28 Mai 1824 (preface 8 Apr 1824; see Kunze 1824; Flora rd. 14 Oct 1824), p. [i]-vi, [1]-300, *pl. 1-2* (uncol. copper engr. by author). *Copies*: MO, NY, U, US, USDA, IDC 7206. – Chamisso brought home 165 pteridophyta, 77 of which were new. Kaulfuss dedicated the tree-fern *Cibotum Chamissoi* to the collector. – Information on dates provided by John W. Landon.
Ref.: Schmid, G., Chamisso als Naturforscher 1942, nos. 136 (p. 89) and 346, see also p. 169. Kunze, G., Flora 7: 305-317. 28 Mai 1824, 324-334. 7 Jun 1824; 337-349. 14 Jun 1824.

3550. *Erfahrungen über das Keimen der Charen* nebst andern Beyträgen zur Kenntniss dieser Pflanzengattung ... Leipzig (bey Carl Cnobloch) 1825. Oct. (*Erfahr. Keimen Charen*).
Publ.: Apr-Sep 1825 (p. [viii]: 18 Mar 1825; Flora 28 Sep 1825), p. [i-viii], [1]-92, [1-2, expl. pl.], *1 pl.* (partly col.). *Copies*: BR, G, NY, Regensburg.
Ref.: Anon., Flora 12: 369-380. 1829.

3551. *Das Wesen der Farrenkräuter* besonders ihrer Fruchttheile zugleich mit Rücksicht auf systematische Anordnung betrachtet und mit einer Darstellung der Entwicklung der Pteris serrulata aus dem Samen begleitet ... Erste Hälfte. Mit einer Kupfertafel. Leipzig (bey Carl Cnobloch) 1827. Qu. † (*Wesen Farrenkr.*)
Publ.: 1827, p. [i-iv], [1]-117, [1, chart], Anhang [i]-xxiv, *1 plate* (uncol. copper engr.). *Copies*: MO, NY, US, USDA, IDC 7207.

Kaurin, Christian (1831-1898), Norwegian bryologist and clergyman at Opdal and Ager o. Sand vid Drammen. (*Kaur.*).

HERBARIUM and TYPES: Material at O, H, TRH and TROM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 274; BM 2: 963; CSP 10: 378, 16: 208; IH 2: 345; Kleppa p. 325; KR p. 340; Lenley p. 247; SBC p. 124 ("Kaur."); TL-2/2: 2249.
Anon., Bot. Gaz. 27(1): 79. 1899; Bot. Not. 1898: 240; Generalregister Bot. Not. 1839-1938:

39, 102. 1939; Medd. Soc. Fauna Fl. fenn. 25: 91. 1900; Rev. bryol. 16: 78. 1889, 18: 46, 95. 1891.
Hagen, I., Rev. bryol. 25: 103. 1898.
Holmboe, J., Norsk biogr. leks. 7: 237-238. 1936.

3552. *Additamenta et corrigenda ad Enumerationem bryinearum dovrensium* auctore N. C. Kindberg (Chr. Vidensk.-Selsk. Forh. 1888 no. 6) auctore Chr. Kaurin . . . Christiania [Oslo] (I commission hos Jacob Dybwab. A. W. Brøggers Bogtrykkeri) 1889. Oct. (*Addit. Enum. bryin. dovrens.*).
Publ.: Oct-Nov 1889; Bot. Not. 15 Dec 1889; Nat. Nov. Dec(1) 1889), p. [1]-25. *Copy*: NY. – Christiania Vidensk.-Selsk. Forh. 1889, no. 11. – An earlier addition was published by Kaurin in Bot. Not. 1882; 17-18. See also Scheutz, Overs. k. Sv. Vet. Akad. Förh. 1869(5): 565-572 and the *Enumeratio* by Kindberg mentioned in the title (3650).

Kausel, Eberhard Max Leopold (1910-1972), Chilean dentist and botanist at Santiago; specialist on Myrtaceae. (*Kausel*).

HERBARIUM and TYPES: H; other material F, GB, HBR, LIL, SGO.
Ref.: Kukkonen, I., Taxon 24: 132. 1975 (herb. at H.).

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Looser, G., Taxon 21: 733. 1972; Bol. Soc. Arg. Bot. 15(1): 137-139. 1973 (portr.); An. Mus. Hist. nat. Valparaiso 6: 281-284. 1973 (portr.).
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 209. 1963.

Kavina, Karel (1890-1948), Czechoslovakian botanist and mycologist at Praha; pupil of J. Velenovsky. (*Kavina*).

HERBARIUM and TYPES: Partly destroyed (World War II) but some material at PR, PRC, PRM (information J. Vána). – Issued exsiccatae with Alfred Hilitzer (1899-1940): *Cryptogamae čechoslovenicae exsiccatae*, fasc. 1-6, nos. 1-300, Praha 1933-1937, sets at FH, NY, UPS. Some further bryophytes also at H.
Ref.: Sayre, G., Mem. New York Bot. Gard. 19(1): 30. 1969.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 275; Hortus 3: 1197; IH 2: 346; Kew 3: 222-223; Klášterský p. 105 (q.v. for further biogr. refs.); LS suppl. 13563-13605; Stevenson p. 1247.
Anon., Rev. bryol. lichén. 18: 184. 1947 (1948).
Hesler, L. R., Biogr. Sketches North American [and of some European] mycol. 1975, mss.
Klika, Preslia 18/19: 12-21. 1940 (bibl.).
Pilát, A., Studia bot. Čechosl. 9: 3-5. 1949.

COMPOSITE WORKS: With A. Pilat, *Atlas des champignons de l'Europe*, Praha 6 vols. (in 7), 1934-1948.

EPONYMY: *Kavinia* Pilát (1938).

3553. *České rašelinníky* [Sphagnum] monografická studie . . . Zvláštní otisk z věstníka král. České společnosti náuk v praze 1912. předloženo v Sezení dne 22. Března 1912 vydáno dne 10. srpna 1912. v Praze (Nákladem královské Česke společnosti náuk. . .) 1912. Oct. (*České rašelinn.*).
Publ.: 10 Aug 1912 (t.p.: submitted 22 Mar 1912, publ. 10 Aug 1912), p. [1]-219, *pl. 1-2* (col. liths. auct.). *Copies*: B, Steere. – Reprinted from Věstn. Král. Ceské Spolecn. Nauk, Fřida 2, 1912 (no. 11). (S.B. k. boehm. Ges. Wiss.).

3554. *Monografie českých jatrovek*. Dil. I. Jatrovky lupenité. (Hepaticae frondosae Bohemiae) . . . Praha (V. Komisi fr. řivnače.-Tiskom dr. Eduarda Grégra a syna v Praze). 1915. Oct. (*Monogr. česk. jatrovek*).
Publ.: 1915, p. [1]-284. *Copy*: Steere. – Archiv pro přírodovědecký výzkum čech. (Dil. xvi.

Číslo 2.) – J. Vaňă informed us (30 Aug 1977) that part 2 (foliose hep.) was never finished; if there was any mss. it must have been incomplete. Kavina's manuscripts were destroyed along with his private herbarium during World War II.

Kawakami, Takiya (1871-1915), Japanese botanist; botanist of the Government of Formosa from 1901. (*Kawak.*).

HERBARIUM and TYPES: TAIM and TI; further material at A and BO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 275; GR p. 600; IH 2: 346; Kew 3: 223; LS 13671-13673; MW p. 226; SK 1: 275; Stevenson p. 1247; Tucker 1: 383.
Anon., Trans. Sapporo Nat. Hist. Soc. 6: 70-73 (n.v., see Barnhart 2: 275).

EPONYMY: *Kawakamia* Miyabe (1903).

3555. *A list of plants of Formosa* . . . Taihoku (Bureau of productive industry, government of Formosa) 1910. (*List pl. Formosa*).
Publ.: 1910 (p. 4: Mar 1910), p. [i-iii], [1]-7, [1]-6, [1]-7, [1]-165, [1]-119. *Copy*: NY.

Kearney, Thomas Henry (1874-1956), American botanist at the Bureau for Plant Industry; in various functions at USDA 1894-1914; cotton breeder; explorer; from 1944 at CAS. (*Kearn.*).

HERBARIUM and TYPES: OS and US; duplicates in ARIZ, CU, E, F, GH, K, MINN, MO, MSC, POM, SI, TENN. The original Kearney-Peebles herbarium of Arizona plants is at ARIZ.
Ref.: Hultén, E., Bot. Not. 1940: 292, 315-316 (itin., Alaska).
Stuckey and Wentz, Ohio J. Sci. 74(1): 20-35. 1974 (lists types).
Wentz, W. A., Taxon 23: 357-363. 1974 (lists types).
Sayre, G., Mem. New York Bot. Gard. 19(3): 351. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 275; BFM 1591; BJI 2: 88; BL 1: 164, 183, 205, 218; BM 2: 964; Bossert p. 207; CSP 16: 213-214; GR p. 226; Hirsch p. 148; Hortus 3: 1197 ("Kearn."); IH 2: 346; Kew 3: 226; Langman p. 405; Lenley p. 248; LS 13700; NW p. 50; Pennell p. 611; Rehder 5: 448; Tucker 1: 383.
Anon., Academy News Letter, San Francisco, 203: 2-3. 1956; Science n.s. 51: 611. 1920 (Dr. h.c. Univ. Ariz.).
Ewan, J. et al., Short hist. bot. U.S. 101. 1969.
Howell, J. T., Leafl. western Bot. 8(12): 288. 1958 (Thomas H. Kearney memorial fund).
Kearney et al., Leafl. western Bot. 8(12): 273-288. 1958 (autobiographical notes; bibl. by E. McClintock.).
Miller, R. C., Taxon 6: 31. 1957.
Murrill, W. A., Hist. found. bot. Florida 40. 1945.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 484 [ind.]. 1963.
Reveal, J., *in* A. Cronquist et al., Intermountain flora 1: 67. 1972.
Rickett, H. W., Index Bull. Torrey bot. Club 54. 1955 (bibl.).
Rodgers, A. D., Bernard Eduard Fernow 281. 1951; Liberty Hyde Bailey 268, 283-284. 1949.
Thomas, J. H., Bot. Expl. Washington, Oregon, Calif., preprint Huntia 3: 28-29. 1969 (portr.).
Wiggins, I. Cosmos Club Bull. 5(9): 2-4. 1952, Pacific Discovery 1952 March-April (portr.).

HANDWRITING: Leafl. western Bot. 8: pl. opp. 279. 1958.

EPONYMY: *Kearnemalvastrum* Bates (1967).

3556. *The plant covering of Ocracoke Island*; a study in the ecology of the North Carolina strand vegetation . . . Washington (Government Printing Office) 1900. Oct. (*Pl. Ocracoke Isl.*).
Publ.: 1 Aug 1900 (t.p.), p. [1]-63. *Copy*: US. – Contr. U.S. natl. Herb. 5(5). List of plants, bibl., ecol.

3557. *Report on a botanical survey of the Dismal Swamp region* . . . Washington (Government printing Office) 1901. Oct. (*Rep. surv. Dismal Swamp*).
Publ.: 25 Jan-6 Nov 1901 (see p. ii), p. [i]-x, 321-585, *pl. 65-77*, map. *Copy*: US. – Contr. U.S. natl. Herb. 5(6). – List of species, bibl., ecology.

3558. *The North American species of Sphaeralcea subgenus Eusphaeralcea* . . . [Berkeley (University of California Press), London (Cambridge University Press) 1935]. Oct. (*N. Amer. Sphaeralcea*).
Publ.: 30 Apr 1935, p. [i-iii], 1-127 (incl. *12 pl*). *Copy*: U. – Univ. Calif. Publ. Bot. 19(1): 1-128. 1935.

3559. *Flowering plants and ferns of Arizona* . . . Washington (United States Government Printing Office) 1942. Oct. (*Fl. pl. ferns Ariz.*).
Co-author: Robert Hibbs Peebles (1900-1955) (see Kearney on Peebles, Madroño 14: 11-13. 1957).

Ed. 1: May 1942, frontisp., p. [i], 1-1096. *Copy*: U.
Final version: *Arizona flora*, Berkeley and Los Angeles (University of California Press) 1951, frontisp., p. [i]-viii, [1]-1032, *pl. 1-45* (on 16 p.). *Copies*: MICH, MO, NY (rd. 20 Apr 1952). – Second edition with supplement by John Thomas Howell and Elizabeth McClintock, id. 1960, frontisp., p. [i]-viii, 1-1085, *fig. 1-45*. *Copies*: MICH, MO, NY, U. (*Arizona fl.*).
Ref.: Kearney, T. H., & Peebles, R. H., J. Washington Acad. Sci. 29(11): 474-492. 1939.

Keating, William Hippolitus [Hypolitus] (1799-1840), American mineralogist and geologist on the Long expedition to St. Peter's River (1823); professor of chemistry Univ. Pennsylvania 1822-1828. (*Keating*).

HERBARIUM and TYPES: The plants on Stephen Long's expedition were collected by the entomologist Thomas Say (1787-1834); they were described by Lewis D. de Schweinitz whose collections are at PH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 276; BM 2: 964; CSP 3: 624; DAB 10: 276-277 (by J.H.F.); Kew 3: 226; ME 274, 276, 702; Tucker 1: 383.
Graustein, J. E., Thomas Nuttall 164, 165, 195. 1967 (Long's Exp.).
Lamb's Biogr. Dict. U.S. 4: 481-482. 1901 (fide ME).
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 484 [ind.]. 1963.

3560. *Narrative of an expedition to the source of St. Peter's River*, Lake Winnepeek, Lake of the Woods, &c. &c. performed in the year 1823, by order of the hon. J. C. Calhoun, secretary of war, under the command of Stephen H. Long, major U.S.F.E. Compiled from the notes of major Long, messrs. Say, Keating and Calhoun, by William H. Keating, . . . Philadelphia (H. C. Carey & I. Lea . . .) 1824, 2 vols. Oct. (in fours). (*Narrat. exp. St. Peter's River*).
Botanical descriptions by: Lewis David von Schweinitz (1780-1834).
Commander of expedition: Stephen Harriman Long (1784-1864).

Publ.: Dec 1824 or early 1825 (p. iv: 29 Nov 1824. North Amer. Rev. Jul 1825).
1: p. [i]-xii, [1-2, cont.], map, [9]-439, *pl. 1-5*.
2: p. [i]-vi, [5]-459, *pl. 6-15* (uncol. liths.).
Copies: HH, MO, NY, US.
London ed.: 1825, London (printed for Geo. B. Whittaker) 1825, 2 vols. (*1*: 13, [3], 458 p., *5 pl.*; *2*: 6, 248, 154 p., *3 pl.*) – No copy seen. – The appendix (p. 253-459 in the Philadelphia edition), is separately paged 1-154. For a concordance of the pagination of the two editions see ME.
Botany: in Appendix to vol. 2, by de Schweinitz, "A catalogue of the plants collected in the North Western territory by Mr. Thomas Say, in the year, 1823," Philadelphia ed. vol. 2: 379-400, London ed. app. to vol. 2, p. 105-123. – Nuttall was to have described the plants but his absence in Europe made the change to de Schweinitz necessary (see p. 379).
Ref.: ME 2: 421-423, q.v. for further details on Long's Expedition.
Earle Smith, Bartonia 28: 30. 1957.

Keck, David Daniels (1903-x); American botanist; Ph. D. Berkeley 1930; collaborated with Clausen and Hiesey in their pioneer experimental systematics at Stanford (1926-1950); specialist on *Penstemon*; head curator at the New York Bot. Gard. 1950-1959; at the National Science Foundation 1959-1970; subsequently living in New Zealand (1971-1976) and California (1976-x). (*D. Keck*).

HERBARIUM and TYPES: DS; later types at NY. – For duplicates see IH. Collected ca. 6000 nos. in the western United States; first set at DS; dupl. in 40 herbaria.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 276; Bossert p. 207; IH 2: 347; Kew 3: 227-228; Langman p. 405-406; Lenley p. 248; NW p. 50; Roon p. 60; Zander ed. 10, p. 677.
Anon., National Science Foundation, News release 10 Nov. 1958, 1 p.; Taxon 7: 251. 1958.
Ewan, J., Short hist. bot. U.S. 112, 114. 1969.
Hansell, D. E., News release New York Bot. Gard. 6 Oct 1958, 1 p.
Keck, D. D., Curriculum vitae and list of publications up to 1949, typescript in Archives NY; Personal communications to senior author 1957 and following.
Krause, Bot. Jahrb. 66(Lit.): 38, 67. 1934.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 173. 1947.
Munz, P., Aliso 5: 2. 1961 (portr. Mai 1922).
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 203, 209. 1963.
Reveal, J., *in* A. Cronquist et al., Intermountain flora 1: 67, 71. 1972.
Rickett, H. W., Bull. Torrey bot. Club 54. 1955.

COMPOSITE WORKS: See Clausen, Jens, Keck, D.D. and Hiesey, William McKinley (1903-x, originally W. M. Heusi) in TL-2/suppl. A-G.

EPONYMY: *Keckia* Straw (1966); *Keckiella* Straw (1967).

3561. *A revision of the genus Orthocarpus* . . . San Franciso (published by the Academy) 1927. (*Revis. Orthocarp.*).
Publ.: 11 Jun 1927, Proc. Calif. Acad. Sci. ser. 4 16(17): 517-571. 1927. *Copy*: U.

3562. *The Hawaiian silverswords* systematics, affinities, and phytogeographic problems of the genus Argyroxiphium . . . Honolulu, Hawai (published by the [Bernice P. Bishop] Museum) 1936. (*Haw. silverwords*).
Publ.: 20 Mar 1936, p. [1]-38, pl. 1-9. *Copies*: U, USDA. – Occasional Papers Bernice P. Bishop Museum 11(19), 1936.

Keck, Karl (1825-1894), Austrian owner of a printing office, botanist and physician at Aistersheim. (*K. Keck*).

HERBARIUM and TYPES: WU (80.000). Keck distributed numerous sets named "*Herbarium* . . ." which showed great diversity in numbers and which were commercially distributed sets of plants of diverse origin rather than formal exsiccatae. His "*Herbarium normale*" was a continuation of the series issued under this name by F. Schultz, new series, cent. 1-28, 1878-1892, nos. 1-2800, accompanied by printed lists, p. [1]-99, [1]-4, [1]-3. Ovilabis [Wels] (typis Joan. Haas). *Copy*: G.
Ref.: Anon., Flora 56: 464. 1873. Bull. Torr. bot. Club 4: 42. 1873 (sale herbarium); Rev. bryol. 3(2): 32. 1876; Nat. Nov. Nov(2). 1889.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 299; Barnhart 2: 276; Clokie p. 192; DTS 1: 138, 6(4): 158; IH 2: 347; NW p. 50.
Anon., Bot. Not. 1895: 38.
Harshberger, J. W., Bot. Philadelphia 281. 1899.
Lindemann, E., Bull. Soc. Natural. Moscou 59(1): 310. 1884.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 567. 1963.
Poetsch, J. S. und K. B. Schiedermayr, Syst. Aufz. Krypt. Oesterr. xvii. 1872.

EPONYMY: *Keckia* E. F. Glocker (1841) is dedicated to Michael Keck von Keck (1785?-1840), Austrian soldier, geologist and paleontologist.

Kegel, Hermann Aribert Heinrich (1819-1856), German gardener at Halle, collected in Surinam 1844-1846. (*Kegel*).

HERBARIUM and TYPES: GOET; other material B, BR, CN, FH, L, P, PC, W.
Ref.: Anon., Bot. Zeit. 14: 479-480. 1856, 15: 487-488. 1857 (herbarium of Suriname plants still for sale).
Pulle, A. A., Enum. vasc. plants Suriname 6-7. 1906.
Florschütz, P. A., Mosses Suriname 2. 1964.
Sayre, G., Mem. New York bot. Gard. 19(3): 351. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 299; Barnhart 2: 277; CSP 3: 627; IH 2: 348; PR (alph.); Urban-Berl. p. 304, 320, 362.
Anon., Bonplandia 4: 195. 1856; Bot. Zeit. 14: 508; Flora 39: 414. 1856; Gartenflora 5: 287, 319.
C.S., Gartenflora 7: 360. 1858.
Sirks, M. J., Indisch natuuronderzoek 291. 1915.
Stafleu, F. A., Regn. veg. 70: 317, 338. 1970; Wentia 16: 25. 1966.

EPONYMY: *Kegelia* C. H. Schultz Bip. (1848); *Kegelia* H. G. Reichenbach (1852); *Kegeliella* Mansfeld (1934). *Note*: *Kegelidium* E. Dolianiti (1954) is dedicated to Wilhelm Kegel, Brazilian geologist.

Keissler, Karl von (1872-1965), Austrian lichenologist at Vienna; Dr. phil. Vienna 1895; at the Botanical Garden 1895-1899; in various functions at the Botanische Abteilung des Naturhistorischen Hofmuseums 1899-1938; pupil of A. Zahlbrückner; from 1924 with the title Hofrat. (*Keissl.*)

HERBARIUM and TYPES: W. – Exsiccatae: *Kryptogamae exsiccatae a Museo Palatino Vindobonensi editae* cent. 28-32. Other material at C, L, LD, WU. *Schedae* were published in the Annalen des Naturhistorischen Museums in Wien.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 182, 328; Barnhart 2: 277; Bossert p. 207; CSP 16: 224-225; DTS 1: 139; GR p. 434, *pl.* [*22*], cat. p. 65; Hirsch p. 148; IH 2: 348; Kew 3: 229; Kleppa p. 325; Lenley p. 248; LS suppl. 13640-13690; MW p. 228; Nordstedt suppl. p. 9; Rehder 5: 448; Roon p. 60; SBC p. 124 ("*Keissl.*")
Anon., Bot. Centralbl. 79: 111. 1899; Rev. bryol. lichén. 8: 127, 235. 1935, 34: 379. 1966.
Janchen, E., Österr. bot. Z. 82: 178. 1933; Richard Wettstein 178. 1933.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 173. 1947.
Pohl, F., Generalregister BBC 18-50: 10. 1942.

COMPOSITE WORKS: (1) Rabenhorst, *Kryptogamenflora*, ed. 2:
(a) *Fungi*, 8: [v]-viii, [1]-712. 1930, for details see Rabenhorst (p. 1-240. Jan 1930; 241-272. Apr 1930).
(b) *Moriolaceae*, 9(1,1): [1]-43. Feb 1933.
(c) *Lichenes*, 9(1,2): [v]-viii, [xi], [1]-784, [842]-846. 1937-1938 (1-160. Nov 1936; 161-320. Jan 1937; 321-480. Mar 1937; 481-640. Jul 1937; 641-846. Mar 1938).
(d) *Lichenes*, 9(2,2): 1-134. 1940 (Cyanophili: Pyrenopsidaceae, Ephebaceae, Collemaceae).
(e) *Lichenes*, 9(5,4): [v]-viii, [3]-755. 1958-1960 (1-160. 1958, 161-320. 1959; 321-480. 1959; 481-640. 1960; 641-755. 1960).
(2) Handel-Mazzetti, *Symbolae sinicae*, part ii, *Fungi*, by Karl Keissler and Heinrich Lohwag, 1937 (see e.g. J. Bot. Dec 1937) (TL-2/2364).
(3) Wettstein, *Ergebnisse der botanischen Expedition* der kaiserlichen Akademie der Wissenschaften *nach Südbrasilien 1901*. I. Band. (Pteridophyta und Anthophyta) ed. by R. v. Wettstein. *Lythraceae*, *Oenotheraceae*, *Thymelaeaceae*, *Oxalidaceae*, *Geraniaceae*, *Rhamnaceae*, Wien, 1908, reprint p. [i], [1]-8.
(4) *Flechtenparasiten*, in Lynge, B., ed., Rep. sci. results Norw. Exp. Novaya Zemlya, Botany [7], p. [1]-5, [6], printed 20 Apr 1928. *Copy*: FH.

EPONYMY: *Keissleria* von Höhnel (1918); *Keissleriella* von Höhnel (1919); *Keisslerina* F. Petrak (1920); *Neokeissleria* F. Petrak (1920).

3563. *Einige interessante Flechten-Parasiten aus dem Herbar Upsala* . . . Stockholm (Almqvist & Wiksells Boktryckeri A.-B.) Berlin (R. Friedländer & Sohn). London (Wheldon & Wesley, Ltd.) Paris (Librairie C. Klincksieck) 1923. Oct. (*Flechten-Paras. Upsala*).
Publ.: Shortly after 7 Nov 1923 (p. 24, date of printing), p. [1]-24. *Copy*: G. – Ark. Bot. 18(16), 1923.

Kelaart, Edward Frederick (1818?-1860), Ceylon-born British botanist; sometime army physician at Gibraltar. (*Kelaart*).

HERBARIUM and TYPES: CGE, G, LINN. – Letters at Kew.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 278; BB p. 171; BM 2: 966; CSP 3: 630; Desmond p. 354; De Toni 2: lxix; IH 2: 349; Jackson p. 340; Kew 3: 229; Lasègue p. 149, 299, 503; PR 4615 (ed. 1: 5157); Rehder 1: 420; Tucker 1: 383.
Bell, Proc. Linn. Soc. London 5: xli-xlii. 1860/61.
Deby, J., Bibl. microsc. microgr. stud., 3. Diat., 34. 1882.
Willkomm, M., Grundz. Pflanzenverbr. Iber. Halbinsel 12, 25. 1896 (Veg. Erde 1).

3564. *Flora calpensis.* Contributions to the botany and topography of Gibraltar and its neighbourhood: with plan, and views of the rock . . . London (John van Voorst, . . . sold at Gibraltar by Mr. King, Garrison Library) 1846. Oct. (*Fl. calp.*).
Publ.: 1846 (Bot. Zeit. 10 Jul 1846), frontisp., p. [i]-xviii, [1, h.t.], map, [1]-219, [220, err.], 2 *pl. Copies*: G, MICH, MO, NY, IDC 5136. "Calpe", one of the pillars of Hercules, now the Rock of Gibraltar.

Keller, Boris Aleksandrowitsch (Alexandrovic) (1874-1945), Russian botanist, from 1913-1931 at Woronesch. (*B. Keller*).

HERBARIUM and TYPES: Unknown. Some material at C and H.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 278; BJI 2: 88-89; BM 2: 966; Bossert p. 207; CSP 226; GR p. 561; Hirsch p. 148; IH 2: 349; Kew 3: 229-230; Lipschitz 4: 127-140; MW p. 228, suppl. p. 155.
Shetler, S. G., The Komarov bot. Inst. 226 [index]. 1967.
Sukachev, V. N. and N. V. Turbin, Boris Aleksandrowitsch Keller, Akad. Nauk SSSR, Moskva, Leningrad 1946, 52 p. (bibl., portr.).

EPONYMY: *Kelleria* Tomin (1926). *Note*: *Kelleronia* Schinz (1895) is dedicated to A. Keller who took part in an expedition to Somaliland in 1891.

Keller, Gottfried (1873-1945), Swiss botanist and lawyer at Aarau. (*G. Keller*).

HERBARIUM and TYPES: Unknown. For original watercolours see Zschokke.
Ref.: Zschokke, Mitt. Aargau. naturf. Ges. 27: 231-232. 1966.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 278 (b. 1873); NI 1772.
Aellen, H., Schweiz. Zeitgen.-Lexik. ed. 2. 485. 1932.
Anon., Monde Pl. 1947: 6.

3565. *Monographie und Iconographie der Orchideen Europas* und des Mittelmeergebietes von Dr. G. Keller und Dr. R. Schlechter . . . Dahlem bei Berlin (Verlag des Repertoriums, . . .) 1928-1942, 5 vols. Qu. (*Monogr. Iconogr. Orchid. Eur.*).
Co-authors: Friedrich Richard Rudolf Schlechter (1872-1925); Károly Rezsö [Rudolf] Sóo von Bere (1903-x).

Vol. 1: by Rudolf Schlechter, p. [i-iv], [1]-304, *pl. 1-38.*
1: [1]-40, 30 Sep 1925.
2: 41-80, 25 Jan 1926.
3/4: 81-160, 20 Dec 1926.
5/6: 161-192, *pl. 1-24.* 5 Mar 1927 (cover) 5 Jul 1927 (p. ii: final).

7/8: 193-256, *pl. 25-32*. 31 Mai 1928.
9/10: 257-304, *pl. 33-38*, [i-iv]. 30 Nov 1928.
Vol. 2: by Gottfried Keller and Rudolf Sóo, p. [i-ii], [1]-472.
1: [1]-40. 1 Sep 1930 (cover), 1 Nov 1930 (p. ii, final).
2/3: 41-120. 1 Jul 1931.
4/5: 121-200. 30 Jun 1932.
6/7: 201-280. 15 Sep 1933.
8: 281-320. 25 Apr 1935.
9: [321]-360. 5 Nov 1936.
10: 361-400. 31 Jan 1938.
11/12: [401]- 472, [i-ii]. 20 Jul 1940.
Vol. 3: by Gottfried Keller, p. [i-iii], *pl. 1-192*.
1/2: [i-ii], *pl. 1-16*. 1 Dec 1931.
3/4: *pl. 17-32*. 20 Mar 1932.
5/6: *pl. 33-49*. 1 Aug 1932.
7/8; *pl. 50-64*. 1 Nov 1932.
9/10: *pl. 65-80*. 1 Feb 1933.
11/12: *pl. 81-96*. 1 Mai 1933.
13/14: *pl. 97-112*. 15 Jul 1933.
15/16: *pl. 113-128*. 1 Nov 1933.
17/18: *pl. 129-144*. 15 Feb 1934.
19/20: *pl. 145-160*. 1 Mai 1934.
21/22: *pl. 161-176*. 1 Oct 1934.
23/24: *pl. 177-192*. 25 Feb 1935.
Vol. 4: by Gottfried Keller, p. [i-ii], *pl. 193-400*.
1/2: [i-ii, dated spring 1935], *pl. 193-208*. 15 Mai 1935.
3/4: *pl. 209-224*. 15 Oct 1935.
5/6: *pl. 225-240*. 20 Dec 1935.
7/8: *pl. 241-256*. 15 Mai 1936.
9/10: *pl. 257-272*. 1 Sep 1936.
11/12: *pl. 273-288*. 1 Oct 1936.
13/14: *pl. 289-304*. 20 Feb 1937.
15/16: *pl. 305-320*. 10 Mai 1937.
17/18: *pl. 321-336*. 15 Oct 1937.
19/20: *pl. 337-352*. 1 Mar 1938.
21/22: *pl. 353-368*. 31 Mai 1938.
23/24: *pl. 369-384*. 1 Sep 1938.
25/26: *pl. 385-400*. 31 Dec 1938.
Vol. 5: by Gottfried Keller, p. [i], [1-4, index], *pl. 401-640*.
1/2: [i], [1-4], *pl. 401-420*. 20 Mar 1939.
3/4: *pl. 421-440*. 30 Aug 1939.
5/6: *pl. 441-460*. 20 Dec 1939.
7/8: *pl. 461-480*. 30 Apr 1940.
9/10: *pl. 481-500*. 10 Sep 1940.
11/12: *pl. 501-520*. 15 Feb 1941.
13/14: *pl. 521-540*. 1 Mai 1941.
15/16: *pl. 541-560*. 1 Oct 1941.
17/18: *pl. 561-580*. 1 Mar 1942.
19/20: *pl. 581-600*. 15 Mai 1942.
[*21/24*]: *pl. 601-640*. 30 Sep 1944.
Copies: G (original covers), U.
Facsimile ed. of vol. 2: 1972 (Otto Koeltz, Koenigstein/Taunus), ISBN 3-87429-032-8. *Copy*: FAS. – See Taxon 22: 307. 1973. – Has new introductory papers by Rezsö [Rudolf] Sóo, Hans Sundermann, and Eduard Peitz.

Keller, Ida Augusta (1866-1932), German-born American botanist and high school teacher; Dr. phil. Zürich 1890; lecturer at Bryn Mawr College, Philadelphia 1891-1892; from 1893 at the Girl's High School ib. (*I. Keller*).

HERBARIUM and TYPES: PH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 278; BL 1: 211, 304; CSP 16: 228; IH 2: 349; Tucker 1: 383.
Barnhart, J. H., *in* F. W. Pennell, Scrophulariac. eastern temperate N. America (Monogr. Acad. nat. Sci. Philadelphia 1) p. 611. 1935.
Harshberger, J. W., Bot. Philadelphia 380-382. 1899 (bibl.).
Pennell, Bartonia 22: 21, 23. 1943.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 484 [index]. 1963.

3566. *Handbook of the flora of Philadelphia* and vicinity containing data relating to the plants within the following radius: eastern Pennsylvania, north to the Blue Mountains, and west to the Susquehanna; all of New Jersey except the northern counties; and New Castle County, Delaware. With keys for identification of species ... Philadelphia, Pa. (Philadelphia Botanical Club) 1905. (*Handb. fl. Philadelphia*).
Co-author: Stewardson Brown (1867-1921), see TL-2/1: 839.
Publ.: 1905 (TBC 8 Feb 1906), p. [1]-5, [i]-viii, [7-360]. *Copies*: MO, NY(2). – The key to the 85 species of *Crataegus* is by Benjamin Hayes Smith (1841-1918).
Additions: Long, Bartonia 8: 12-32. 1924, 10: 30-52. 1929.
Ref.: Barnhart, J. H., Torreya 6(2): 37-38. 19 Feb 1906.

Keller, Robert (1854-1939), Swiss botanist (especially rhodologist) and high school teacher at Winterthur. (*R. Keller*).

HERBARIUM and TYPES: Z; other material at B, C, E, G, GB, H, L. Published *Herbarium normale rosarum Europaearum*, 81 nos., 1894; sets at B, C, Z.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 62; Andrews p. 283; Barnhart 2: 278; BFM 951, 1005, 1048; BJI 1: 30; BL 2: 377, 564, 585, 592, 674; BM 2: 967; CSP 16: 228-229; DTS 1: 139, 6(4): 71, 159; Hirsch p. 148; Hortus 3: 1197 ("Keller"); IH 2: 349; Kew 3: 230; Langman p. 406; LS 13719-13720, 35303; MW p. 228; Quenstedt p. 231; Rehder 5: 449; Saccardo 2: 60; SBC p. 124 ("Keller"); TL-2/1: 200; Tucker 1: 384; Zander ed. 10, p. 677.
Anon., Österr. bot. Z. 89: 168. 1940; Rev. bryol. 19: 105. 1892, 29: 129. 1902, 32: 55. 1905.
Frick, J., *in* Dict. hist. biogr. Suisse 4: 340. 1928.

COMPOSITE WORKS: (1) H. Schinz und R. Keller, *Flora der Schweiz*, see under Schinz.
(2) Ascherson & Graebner, *Syn. mitteleur. Fl.*, *Rosa* in 6: 32-80. 1900, 81-240. 1901, 241-384. 1902 (TL-2/200).

3567. *Flora von Winterthur*, Winterthur (Buchdruckerei Geschwister Ziegler) 1891-1896, 2 parts. Oct. (*Fl. Winterthur*).

Part 1: 1891-1892, published in two "Lieferungen", p. [1]-84 prob. Jun 1891 (Nat. Nov. Jul(1) 1891), [85]-185, prob. Jun 1892 (Nat. Nov. Jul(2) 1892). *Copies*: G, NY.
Part 2: 1896 (Flora rd. 13 Apr 1896; Nat. Nov. Jun(2) 1896), p. [1]-71. *Copy*: G.

"*Beiträge zur Kryptogamenflora von Wintherthur und Umgebung*," Heft 1, *Laubmoose*, Wintherthur 1886. Qu., 25 p. appeared in Apr-Mai 1886.

3568. *Übersicht über die schweizerischen Rubi* ... Winterthur (Buchdruckerei Geschwister Ziegler) 1919. Oct. (*Übers. schweiz. Rubi*).
Publ.: 1919, p. [1]-279. *Copy*: L.

3569. *Synopsis rosarum spontanearum Europae mediae* ... Übersicht der mitteleuropäischen Wildrosen mit besonderer Berücksichtigung ihrer schweizerischen Fundorte ... Zürich (Druck von Gebrüder Fretz A. G., Kommissionsverlag von Gebrüder Fretz A.G.). Qu. (*Syn. ros. Eur. med.*).
Publ.: 5 Jun 1931, in two parts. *Copies*: MICH, MO, NY, U. *Text*: [i]-x, [xi-xii], [1]-796; *Atlas*: p. [i], *pl. 1-40*, with text. – Denkschriften der Schweizerischen naturforschenden Gesellschaft 65. "In spite of ... excessive splitting, the publication of the Synopsis marks an epoch in European rhodology" (Wolley- Dod.).
Ref.: Wolley-Dod, J. Bot. 70: 114-116. Apr 1932.

Kellerman, William Ashbrook (1850-1908), American botanist and mycologist, studied at Cornell and Zürich, high school teacher at the Oshkosh State Normal School, Wisconsin (1874-1879), worked for his degree at Zürich (1879-1881), professor of botany at the University of Kentucky, Lexington (1881-1883), id. at Kansas State College of Agriculture, Manhattan (1883-1891), id. at Ohio State University, Columbus (1891-1908); died while botanizing in Guatemala. (*Kellerm.*)

HERBARIUM and TYPES: OS; further original material at US, PUR and F; material in many herbaria. *Exsiccatae*:
(1) *Fungi selecti guatemalenses*, dec. 1-2, nos. 1-20, 1906-1907, sets at BPI, CUP, F, FH, OS, PUR, SOLH, UC.
(2) *Ohio fungi*, fasc. 1-10, nos. 1-200, 1901-1905, sets see IH; texts in Ohio Naturalist.
(3) *Kansas fungi*, fasc. 1-2, nos. 1-50, publ. 1 May and 1 Aug 1889, with Walter Tennyson F. Swingle (1871-1952), sets: BPI, DAOM, FH, ISC, MASS, MICH, MSC, NEB, NY, OC, OS, PUR, RUTPP, UT, WIS.
Ref.: Anon., Torreya 9: 239. 1909.
Stevenson, J., Beih. Nova Hedwigia 36: 225-226. 1971.
Stuckey and Wentz, Ohio J. Sci. 74(1): 20-35. 1974 (lists types).

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 277; Barnhart 2: 279; BL 1: 304 [index]; BM 2: 967; Bossert p. 208; CSP 16: 229; GR p. 226; Hortus 3: 1197; IH 2: 349-350; Kew 3: 230; Lenley p. 248-249; LS 13722-13798, 35306-35328; NAF 7: 1072; NW p. 50; Nordstedt p. 19; Pennell p. 611; Rehder 5: 449; Stevenson p. 1247; TL-2/1: see Ellis, J. B.; Tucker 1: 384; Urban-Berl. p. 277.
Anon., Bot. Centralbl. 48: 304. 1891; Bryologist 11(3): 59. 1 Mai 1908; J. Mycol. 14: 49-63. 1908 (portr., bibl.); Torreya 8: 64. 1908; New York Times 11 Mar 1908.
Armstrong, Ohio naturalist 1(3): 38. 1901.
Ewan, J. et al., Short hist. bot. U.S. 12, 16. 1969.
Griggs et al., Ohio Naturalist 8(7): 361-362. 1908.
Hard, M. E., The mushroom, Columbus Ohio, 1908, p. viii.
Harshberger, J. W., Bot. Philadelphia 266. 1899.
O[sborn], H[erbert], Ohio Naturalist 8(5): 286. 1908.
Hesler, L. R., Biogr. Sketches North Amer. mycol. 1975, mss.
Humphrey, Makers N. Amer. Bot. 137-138. 1961.
Kellerman, W. A., *in* Geol. Ohio Pl. 68, 75, 76, 77, 78. 1895 (bibl.).
Lloyd, C. G., Mycol. notes 36: 477-478. Aug 1910 (portr.).
Lowden, R. M., Taxon 19: 19-35. 1970 (itin., sources, portr.).
Murrill, W. A., Hist. found. bot. Florida 30. 1945.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 26, 164, 906. 1963.
Reiche, K., Grundzüge Pflanzenverbr. Chile 34. 1907 (Veg. Erde 8).
Rickett, H. W., Index Bull. Torrey bot. Club 54. 1955.
Rodgers, A. D., Liberty Hyde Bailey 136, 147. 1949.
Rogers, D. P., Brief hist. mycol. N. Amer. 14, 19. 1977.
Walters, The Industrialist 1908: 362-363.
Willard, Trans. Kansas Acad. Sci. 22: 46-47. 1909 (portr.).

COMPOSITE WORKS: (1) Established in 1885 *The Journal of mycology*, (with J. B. Ellis and B. M. Everhart); editor 1885-1889, 1902-1908. *The Journal of mycology* was terminated with Kellerman's death and succeeded by *Mycologia* (first issue Feb 1909).
(2) Contributed *Botany* (Catalogue of Ohio Plants) to *Geology of Ohio* (in Rep. Geol. Surv. Ohio) vol. 7, part 2: [i], [56]-406, by Kellerman and W. C. Werner (*copy*: USDA). [William C. Werner (1851-1935); the letter C stands for W's father's name Conrad, not spelled out]. The bibliography of this Catalogue (p. 58-79) was published again, updated to 1895, in Ann. Rep. Ohio Acad. Sci. 4: 5-18. 1896.
(3) Editor of *Mycological Bulletin* 1903-1908; (4) Co-founder of the *Ohio Naturalist*, 1900.
(5) With O. E. Jennings: *Flora of Cedar Point*, Ohio Naturalist 4: 186-190. 1904 (add.: ib. 6: 540, 544-545. 1906, 10: 61-63. 1910, 12: 473. 1912, 13: 78. 1913).

EPONYMY: *Kellermannia* J. B. Ellis & Everhart (1885); *Kellermanniopsis* J. C. Edward et al. (1974).

3570. Kellerman's *plant analysis*: a classified list of the wild flowers of the northern United States, with keys for analysis and identification. To which is added a complete glossary of botanical terms . . . Philadelphia (John E. Potter and Company, . . .) s.d. [1884]. Oct. (*Pl. anal.*).
Publ.: 1884, p. [i]-viii, 9-253. *Copy*: MO.

3571. *Analytical flora of Kansas* by W. A. Kellermann, . . . and Mrs. W. A. Kellerman. First edition. Manhattan, Kansas (published by the authors). 1888. Oct. (size). (*Anal. fl. Kansas*).
Co-author: Mrs. W. A. Kellerman, Stella Victoria Dennis Kellerman (1855-1877); married 25 Jul 1877).
Publ.: Jan 1888 (t.p.), p. [i], [iii]-iv, 5-197. *Copies*: NY, US.
Other issue: *in* Kellerman W. A. and S. V. D., *Kansas school botany* . . . Manhattan 1888, 58 p. introd. botany and glossary, followed by the 197 p. of the *Analytical flora*.

3572. *Spring flora of Ohio* consisting of descriptions of the early native flowering plants, with keys for their identification; also a key for the identification of the trees and shrubs of the state by their leaves and fruits . . . published the author. Columbus, Ohio (J. L. Trauger, printer and publisher) 1895. (*Spring fl. Ohio*).

Ed. 1: 1895 (p. 5: Jan 1895; TBC 31 Aug 1895), p. [1]-128. *Copy*: NY.
Ed. 2: "*Spring flora for beginners and amateurs*," Columbus, Ohio, 1906 (TBC 5 Oct 1906), p. [i]-xiii, [1]-188. *Copy*: SMU. – Subtitle "Consisting of the early flowering herbaceous and woody plants, with simple keys for their identification: also a key for the identification of trees and shrubs based on leaf and twig characters. Being a new edition of W. A. Kellerman's Spring flora of Ohio, revised and extended so as to cover the area of Ohio, Indiana and adjacent States by W. A. Kellerman, H. A. Gleason and John H. Schaffner . . . Columbus, Ohio (Geo. W. Tooill, publisher) 1906." [co-authors: Henry Allan Gleason (1882-1975); John Henry Schaffner (1866-1939)]. (Inf. Wm. F Mahler).
Ed. 3: 1914, [i]-xii, [1]-205. *Copy*: SMU. – "*Springflora* . . . third edition. Columbus, Ohio (id.) 1914" (Inf. id.).

3573. *Index to North American mycology* alphabetical list of articles, authors, subjects, new species and hosts . . . Columbus, Ohio (W. A. Kellerman) 1902-1908. (*Ind. N. Amer. mycol.*).
Publ.: parts 1-5 published (and reprinted) as supplements to the Journal of mycology, the other parts published in the normal pagination of the journal and reprinted afterwards as follows (*Copy*: USDA):

part	reprint pagination	in Journal of Mycology
1	[1]-58	8: 22-24. 31 Mai 1902, 74-103. 30 Jun 1902.
2	[i], 59-94	8: 204-239. 20 Dec 1902.
3	[i], 95-140	9: 25-70. 14 Feb 1903.
4	[i], 141-180	9: 116-155. 29 Mai 1903.
5	[i], 181-203	9: 177-199. 29 Oct 1903.
6	[i], [116]-194	10: 116-143. 31 Mai 1904, 182-194. 24 Jun 1904.
7	[i], and orig.	10: 251-283. 14 Oct 1904.
8	[i], and. orig.	11: 125-148. 19 Jul 1905.
9	[i], and orig.	11: 190-199. Jul 1905, 217-231. Sep 1905.
10	[i], and orig.	12: 67-79. Nov 1906, 102-128. Mai 1906.
11	[i], and orig.	12: 221-231. Sep 1906, 249-272. 5 Dec 1906.
12	[i], and orig.	13: 85-87. Mar 1907, 125-135. Mai 1907.
13	[i], and orig.	13: 210-227. Sep 1907, 255-261. Nov 1907.

The reports were continued (no reprints seen) 14: 46-47. Jan 1908, 75-85. Apr 1908.

3574. *New genera of fungi* published since the year 1900. With citation and original descriptions. Compiled by W. A. Kellerman and P. G. [= L.] Ricker. Columbus, Ohio (W. A. Kellerman) s.d. [1905]. Oct. (*New gen. fungi*).
Publ.: a set of reprints from J. Mycol., issued with a special wrapper. *Copy*: Stevenson. 10: 149-155. Mai 1904, 199-223. Jul 1904, 232-250. Sep 1904.

11: 18-26. Jan 1905.
First supplement: id. 11: 68-96. Mar 1905.

Kellogg, Albert (1813-1887), American physician and botanist in California; one of the seven founders of the California Academy of Sciences (4 Apr 1853); first resident botanist in California (1849). (*Kellogg*).

HERBARIUM and TYPES: CAS (mostly destroyed in 1906), DS, other material at B, BM, F, GH, GRA, LE, PH, US, WELC.
Ref.: Hultén, E., Bot. Not. 1940: 302 (on Alaskan coll. 1867).
Sayre, G., Mem. New York Bot. Gard. 19(3): 351. 1975.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 452, 6(2): 128; Backer p. 299; Barnhart 2: 279; BM 2: 968; Bossert p. 208; CSP 3: 632, 8: 61-64, 10: 383, 16: 232; DAB (by W. L. Jepson); DSB 7: 285; Hortus 3: 1197 ("Kellogg"); IF 709; IH 2: 350; Kew 3: 231; Langman p. 406; ME 1: 200, 3: 734; NAF 28B(2): 340, ser. 2. 2: 162, 5: 244-245; NCAB 25: 205-206; Pennell p. 611; PR (alph.); Rehder 5: 449-450; TL-2/1: 2139; Tucker 1: 384, 776; Zander ed. 10, p. 677.
Anon., Ann. Bot., London 1: 404. 1888. (bibl., incompl.); Bot. Gaz. 12: 118. 1887; Bot. Not. 1888: 45. Leopoldina 23: 109-110. 1887.
Barnhart, J. H., *in* H. A. Kelly and W. L. Burrage, Amer. med. biogr. 649-650. 1920.
Behr et al., Proc. Calif. Acad. Sci. ser. 2. 1(2): 276-277. 1889 ("memorial").
Brandegee et al. (eds.), Zoe 4(1): 1-2. 1893 (portr.).
Brewer, W. H., *in* Sereno Watson, Bot. Calif. 2: 556. 1880.
Britten J., J. Bot. 25: 383. 1887.
Cantelow and Cantelow, Leafl. west. Bot. 8: 94. 1957.
Essig, E. O., Hist. entomol. 650. 1931.
Ewan, J., *in* Cent. progr. nat. sci. 53. 1955.
Ewan, J. et al., Short hist. bot. U.S. 9. 1969.
Geiser, S. W., Natural. Frontier 276. 1948 (Kellogg did not visit Texas with Audubon).
Gray, A., Amer. J. Sci. ser. 3. 35: 261-262. 1888.
Greene, E. L., Pittonia 1: 145-151. 1887.
Greene, E. L. and A. Kellogg, Ill. W. Amer. Oaks v-vii. 1889.
Harshberger, J. W., Bot. Philadelphia 26, 281. 1899.
Humphrey, Makers N. Amer. bot. 139-140. 1961.
Jordan, D. S., Days of a man 1: 218. 1922.
Miller, Pacific Discovery 6(2): 18-25. 1953 (portr.).
Munz, P., Leafl. western Bot. 7: 70-71, 101, *pl. 5*. 1953.
Rodgers, A. D., Amer. bot. 1873-1892: 331 [index]. 1944.
Stearns ["R.E.C.S."], Science 9: 391-392. 1887; Amer. Naturalist 21: 602. 1887.
Thomas, J. H. Contr. Dudley Herb. 5: 157-158. 1961.
Wagner, H. R., The plains and the Rockies, ed. 3 (by C. L. Camp), 274a. 1953.
Wittrock, V. B., Acta Horti Berg. 3(2): 180. 1903.
Woodcock, H. B. D. ad Stearn, W. T., The lilies of the world 245. 1950.

NOTE: "Voyaged to Calif. 'around the Horn,' arriving in Sacramento, 8 Aug. 1849; . . . his personal botanizing began in earnest in Alaska, 1867. None was more intimately associated with Calif. botany in the twenty-year period ending in his death." (Cantelow 1957).

COMPOSITE WORKS: With E. L. Greene (q.v.), *Illustrations of West-American oaks* (see no. 2139) (additional ref.: Taubert, Bot. Jahrb. 13(Lit,): 270. 1891, rev.)

HANDWRITING: Garden and Forest 2: 298. 1889.

EPONYMY: *Kelloggia* Torrey ex Bentham (1873).

3575. Appendix. Papers supplementary to the Report of the State Mineralogist. 1. *Forest trees of California* . . . [Sacramento, 1882]. Oct. (in fours.). (*Forest trees Calif.*).
Publ.: 1882 (Nat. Nov. Sep(2) 1882; Bot. Zeit. 27 Oct 1882), p. [1]-116. *Copies*: MO, NY. – Annual Report of the State Mineralogist, State Mining Bureau, California 3, 1882, Appendix (no. 1).

Kelly, Howard Atwood (1858-1943), American physician, mycologist and bibliophile at Baltimore. (*H. Kelly*).

HERBARIUM and TYPES: MICH. – Library also at MICH (including L. C. C. Krieger's illustrations of fungi (350) and Berkeley, Schweinitz and Peck correspondence).
Ref.: Kauffman, C. H., Mycologia 20(5): 303. 1928.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 381; CSP 16: 233; IH 2: 350.
Anon., Mycologia 35(4): 383-384. 1943 (portr.); Science 97: 62. 1943.
Cullen, Johns Hopkins Hospital Bull. 30(344): 1-44. 1919 (portr., bibl.).
Hesler, L. R., Biogr. sketches N. Amer. mycology 1975, mss.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 485 [index]. 1963.

3576. *Some American medical botanists* commemorated in our botanical nomenclature . . . Troy, N. L. (The Southworth Company, publishers) 1914. Oct. (*Amer. med. bot.*).
Publ.: 1914 (TBC 22 Jul 1914), p. [i-iv], [1]-215, [216], 43 pl. *Copy*: NY.

3577. *American medical biographies* . . . Baltimore (The Norman Remington Company) 1920. (*Amer. med. biogr.*).
Publ.: 1920 (p. ix: 1 Apr 1920), p. [i]-xix, [1]-1320. *Copy*: NY.
Re-issue: London 1929, fide Nat. Nov. 51 (Nov) 1929, n.v.

3578. *Catalogue of the mycological library of Howard A. Kelly*. Compiled by Louis C. C. Krieger. Baltimore (privately printed) 1924. (*Cat. mycol. libr. Kelly*).
Author: Louis Charles Christopher Krieger (1873-1940).
Publ.: Dec 1924 (p. v: 15 Dec 1924), p. [i*-v*], i-v, [vii, ix], 1-260. *Copy*: Stevenson.

Kelly, James Peter (1885-1955), Canadian-born American geneticist and botanist at Pennsylvania State College. (*J. Kelly*).

HERBARIUM and TYPES: PAC; further material at NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 280; BL 1: 24, 304; Bossert p. 208; Dryander 4: 32, 328; Hirsch p. 149; IH 2: 350.

3579. *The ferns and flowering plants of Central Pennsylvania* . . . State College, Pa. (the Pennsylvania State College) [1937]. (*Ferns fl. pl. C. Pennsylvania*).
Publ.: 1937 (copyright), p. [1]-120. *Copy*: NY. – Published as volume 2(1) of the Pennsylvania State College Studies. (unannotated; no authorities for bot. names).

Kelsey, Francis Duncan (1849-1905), American congregational clergyman and botanist; D. Sc. College of Montana 1890; minister at Helena, Mont. until 1893; professor of botany at Oberlin College 1893-1897; pastor Central Congregational Church, Toledo Ohio 1897-1905. (*Kelsey*).

HERBARIUM and TYPES: OC (727 specimens), but Montana plants at MU, for duplicates see IH. World fair 1893 exhibit plants at MONT.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 280; Bossert p. 208; CSP 16: 234; IH 2: 351; LS 13806-13809; Rehder 1: 127; Stevenson p. 1247; Tucker 1: 385.
Anon., The Toledo Times 6 Jan 1905 (portr.; cutting at NY); Torreya 5(1): 16. 1905.
Armstrong, Ohio Naturalist 1(3): 38. 1901.
Blankinship, Montana Agric. Coll. Sci. Stud. Bot. 1: 11, 21. 1904 (1905).
De Toni, G. B., Syll. algar. 4: iii. 1897 (under F. W. Anderson).
Ewan, J., Rocky Mountain Naturalists 242. 1950.
Harshberger, J., The botanists of Philadelphia 266. 1899.
Rickett, H. W., Index Bull. Torrey bot. Club 54. 1955.
Wright et al., Oberlin Alumni Magazine 1: 119-121. 1905.

EPONYMY: *Kelseya* (S. Watson) Rydberg (1900).

NOTE: We are grateful to George T. Jones, curator of the Oberlin College Herbarium, for information on Kelsey's life and collections.

3580. *The genus Uncinula.* Drawings and descriptions of all the American species ... Portland, Conn. (Reprint from The Observer) 1897. (*Uncinula*).
Publ.: 1897, p. [1]-15. *Copies*: FH, NY. – Oberlin College Laboratory Bulletin no. vii.

Kemmler, Carl [Karl] **Albert** (1813-1888), German clergyman and botanist at Untersontheim 1847-1863; from 1863 at Donnstetten, Württemberg. (*Kemmler*).

HERBARIUM and TYPES: Personal herbarium at Botanisches Institut der Universität Hohenheim, Stuttgart; much further material at STU; some material at B. A large collection of lichens, from the estate of M. Fünfstück, went to STU but was destroyed in World War II. Material contributed by Kemmler is present in the regular series of exsiccatae issued by F. C. G. Arnold, C. Baenitz, R. F. Hohenacker and G. L. Rabenhorst. [Information S. Seybold].
Ref.: Anon., Bot. Zeit. 47: 484. 19 Jul 1889 (herb. for sale).
Mayer, Jahresh. Ver. vaterl. naturk. Württ. 69: 360. 1913.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 690; Barnhart 2: 280; BM 2: 968; IH 2: 351; Jackson p. 312; Kew 3: 231; Rehder 5: 450; Tucker 1: 385; Urban p. 277.
Kemmler, K., Jahresh. Ver. vaterl. Naturk. Württ. 45: 36-39. 1913.
Künkele, S., Jahresh. Ges. Naturk. Württ. 125: 147, 152. 1970.
Lehmann, E., Schwäbische Apotheker 48, 59, 97, 200. 1951.

COMPOSITE WORKS: Published the second edition (1872) of G. Schuebler & G. M. v. Martens, *Fl. Württ.* with Martens; ed. 3 (1882) was published by Kemmler alone. See Schuebler.

EPONYMY: *Kemmleria* Körber (1861).

Kennedy, James Domoné (1898-x), British-born Nigerian forest officer. (*J. D. Kennedy*).

HERBARIUM and TYPES: FHI and FHO; important set also at K (with mss.); further material at BM, E and US.
Ref.: Hepper, F. H. and F. Neate, Pl. coll. west Africa 44. 1971.

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 49, 304; IH 2: 352; Kew 3: 233.

3581. *Forest flora of Southern Nigeria* ... Lagos (Printed and published by the Government Printer) 1936. (*Forest fl. S. nigeria*).
Publ.: 1936 (p. 5: 14 Sep 1932 sic), p. [i], [1]-242, [i]-xxiv, [i]-x. *Copies*: US, USDA.

Kennedy, John (1759-1842), British nurseryman; partner of James Lee at the Vineyard Nursery, Hammersmith; advised Josephine on the Malmaison gardens. (*J. Kennedy*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BB p. 171-172; Bossert p. 208; Desmond p. 355; Henrey 2: 357, 434, 3: 65-66; Kew 3: 233; Plesch p. 287; Rehder 3: 109; Sotheby 416; TL-2/135.
Britten, J., J. Bot. 42: 296-297. 1904.
Harvey, J., Early hort. catal., Bath 1973, p. 11.
Johnson, G. W., Hist. English gardening 301. 1829 (fide Desmond).
Willson, E. J., James Lee and the Vineyard Nursery Hammersmith, London 1961, p. 52-55.

COMPOSITE WORKS: (1) see James Lee for *Catalogue of plants and seeds sold by* Kennedy and Lee, ... London 1774.
(2) Contributed to H. C. Andrews, *Botanical Repository* (vols. 1-5). [Andrews was Kennedy's son-in-law].
(3) Author of *Page's Prodromus*; as a general nomenclature of all the plants, indigenous and exotic, cultivated by him in the Southampton Botanic Gardens, London 1817 (see J. Bot. 42: 297. 1904 and Desmond p. 355).

EPONYMY: *Kennedia* Ventenat (1805, *nom. cons.*); *Kennedya* A. P. de Candolle (1825, *orth. var.*); *Kennedynella* Steudel (1840).

Kent, William Saville (x-1908), British protozoologist at the British Museum (Natural History). (*W. S. Kent*).

COLLECTIONS: BM.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 969; Bret. p. 283; CSP 8: 67-68, 10: 386, 12: 383, 16: 244-245; Dawson p. 279, 485, 857; Henrey 2: 724 [index]; Lasègue p. 268; LS 13814; Moebius p. 407; SK p. 277.
Anon., Nature 78: 641-642. 1908.
Jackson, B. D., Proc. Linn. Soc. London 1908-09: 42.

EPONYMY: *Kentia* J. Schiller (1953). *Note*: *Kentiopsis* A. T. Brongniart (1873), *Kentites* E. Bureau (1896), and *Siphokentia* Burret (1927) are related to *Kentia* Blume (1838), which is dedicated to William Kent (1779-1827), Dutch gardener (of English origin?) in Harderwijk and Buitenzorg, who accompanied Reinwardt and Blume in the Indian Archipelago.

3582. *A manual of the infusoria*: including a description of all known flagellate, ciliate, and tentaceliferous protozoa, British and foreign, and an account of the organization and affinities of the sponges . . . London (David Bogue, . . .) 1880-1882, 3 vols, Oct. (*Man. infus.*).

Vol. 1: 1880-1881, in parts, p. [i]-x, [1]472, (part 1: 1880, p. [1]-144, *pl. 1-8*; p. x: Mai 1882).
Vol. 2: 1881-1882, in parts, p. [i, iii], [473]-913.
Vol. 3: 1880-1882, in parts, containing the plates, p. [i, iii], frontisp., *pl. 1-51, 48A*, with text (uncol.).
Copies: MICH, MO, USDA (vol. 1, part 1).

Ker, Charles Henry Bellenden (1785?-1871), British botanist and legal reformer; barrister at Lincoln's Inn; son of John Bellenden Ker. (*Ker*).

HERBARIUM and TYPES: Unknown. – Letters at Kew.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 283; BB p. 172; BM 2: 970; Bret. 1: 186-189; Desmond p. 356; DNB 31: 47; DU 163; GF p. 62; Jackson p. 380; MW p. 229; NI 1030; Plesch p. 287; PR 4625 (sic, not Ker-Gawler), 10779; Sotheby 417; Rehder 5: 450; Tucker 1: 385.
Anon., Flora 55: 128. 1872.
Junk, Rara 41. 1900-1913.
Trimen, H., J. Bot. 10: 32. 1872.

3583. *Icones pictae indo-asiaticae plantarum excerptae e codicibus Dom. Cattley*. London 1818. Fol. (n.v.). (*Icon. indo-asiat. pl. Cattley*).
Publ.: The original edition of this set of plates seems to be extremely rare. We have seen no copy of this edition; a copy is at the Massachusetts Horticultural Society (see Sotheby 417; corrigenda on p. 94). The plates are copies of Chinese drawings brought from China by A. E. van Braam-Houckgeest then obviously in the hands of the horticulturist and businessman William Cattley (x-1832). Junk offered a copy of this 1818 edition with 30 plates. A second edition was published in 1821 under the title *Icones plantarum sponte China nascentium; è bibliothecâ Braamianâ excerptae*. London (J. H. Bohte) 1821, 30 plates of which 23 (or 24) lithographed and 7 (or 6) etched on copper by Ker; p. [i, iii], *pl. 1-30*. *Copy*: BR.

Ker, John Bellenden (1764-1842), British botanist at Ramridge; editor of *Botanical Register* 1815-1824; until 5 Nov 1804, John Gawler. (*Ker-Gawl.*).

HERBARIUM and TYPES: Ker's manuscripts and drawings are at K.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 51; Backer p. 300-301; BB p. 172; BM 2: 970; Bret. p.

189, 201, 280; CSP 3: 638, 4: 279 ("Masson"); Desmond p. 356; DNB 31: 52; Hortus 3: 1197 ("Ker-Gawl."); Jackson p. 565 [index]; Kew 3: 237; Langman p. 408; Lasègue p. 529; MW p. 229-230, suppl. p. 157; NI 2379; PR 4626 (not 4625) (ed. 1: 5167-5169, 5171); Rehder 5: 450; RS p. 90; TL-2/1: 136, 1625, see Edwards, S.T.; Zander ed. 10, p. 677.
Britten, J., J. Bot. 40: 419-422. 1902.
Ewan, J., Southw. Louisiana J. 7(1-4): 14. 1967.
Candolle, A. P. de, Mém. Souvenirs 269. 1862.
Herbert, W., Amaryllidaceae 269. 1837 ("I place great reliance on the general accuracy of his botanical labours").
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 173-174. 1947.
Pritzel, G., Linnaea 19: 455-456. 1847.

NAME: Born Jon Gawler; name changed by Royal permission to Ker Bellenden, 5 Nov 1804, but used as Bellenden Ker. Also often referred to as Ker-Gawler.

COMPOSITE WORKS: Ker is the author of all descriptions in the volumes of the *Botanical Register* (see no. 1625), vols 1-14, for 1815-1829 "quae signum in calce non gerunt". (PR note sub 4626).

EPONYMY: *Belendenia* [sic] Rafinesque 1832; *Bellendena* R. Brown (1810). *Note*: *Keria* K. P. J. Sprengel (1818, *orth. var.*) and *Kerria* A. P. de Candolle (1818) are dedicated to William Kerr (x-1814), English gardener and botanical collector, travelling in China, the Philippines, Java and Ceylon. *Kerrdora* Gagnepain (1950) and *Kerriochloa* C. E. Hubbard (1950) are dedicated to Arthur Francis George Kerr (1877-1942), North Irish physicia and botanist, working in Siam.

3584. *Recensio plantarum* huc usque in Repositorio botanicarum depictarum. A review of the plants hitherto figured in the Botanist's Repository, with a translation of the essential and special characters. Index duplex. London (printed for J. White) 1801. Qu. (*Recens. pl.*).
Publ.: 1801, p. [i-iii], [1]-74, [4, ind.]. *Copy*: G. – An index to Andrews, Bot. Repos. (see nos. 135 and 136). For authorship see Catal. Libr. Kew. 319. 1899.

3585. *On the genus Crinum.* By John Bellenden Ker, Esq. From the Journal of Science and the Arts. London (Printed by W. Bulmer and Co.) 1817. Oct. (*Crinum*).
Publ.: 1817, p. [1]-1w, *pl. 8.* reprinted from J. Sci. Arts 3: 102-115. 1817. *Copy* (repr.): G. – First valid publication of several names occurring as nomina nuda in Roxburgh's *Hortus bengalensis* (1814).

3586. *A review of the genus Amaryllis.* By John Bellenden Ker, Esq. From the Journal of Science and the Arts. London (Printed by W. Bulmer and Co.) 1817. Oct. (*Rev. Amaryllis*).
Publ.: 1817, p. [i], [1]-29, *pl. 8* (partly col.). *Copies*: G, M. – Reprinted from J. Sci. Arts 2: 342-371, *pl. 8.* 1817.

3587. *On the genus Pancratium.* By John Bellenden Ker, Esq. From the Journal of Science and the Arts. London (Printed by W. Bulmer and Co.) 1817. Oct. (*Pancratium*).
Publ.: 1817, p. [i], [1]-22, *pl. no. 3. Copy*: G. – Reprinted from J. Sci. Arts 3: 316-337. 1817.

3588. *Iridearum genera* cum ordinis charactere naturali, specierum enumeratione synonymisque. Bruxellis (sumptibus P. J. de Mat) 1827. Oct. (in fours). (*Irid. gen.*).
Publ.: 22 Aug 1827 (see TL-1/597), p. [i-iii], [1]-158. *Copies*: G, NY, USDA; IDC 5189.

Kerchove de Denterghem, Oswald Charles Eugène Marie Ghislain de (1844-1906), Belgian horticulturist, botanist, politician and administrator. (*Kerch.*).

HERBARIUM and TYPES: BR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 435; 2: 283; BM 2: 970; CSP 16: 246; Hortus 3: 1197 ("Kerch."); IH 2: 553; Jackson p. 139; Kew 3: 237; Langman p. 408; MW p. 230, suppl. p. 157; NI 1031-1032; Plesch p. 287; Rehder 5: 450; Sotheby 418; Tucker 1: 386; Zander ed. 10, p. 677.

Anon., Bot. Not. 1907: 20; Gard. Chron. 1906: 184 (portr.), 200-201; J. Bot. 21: 382. 1883.
Ceuterick, Albert, Le comte Oswald de Kerchove de Denterghem. Gent 1908.
Chalon, Bull. Soc. Bot. Belg. 43: 215-216. 1906.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 174. 1947.
Pynaert, Rev. Hort. belge étrang. 32(4): 73-79. 1906 (portr.).

COMPOSITE WORKS: Founder and chief editor of *Revue de l'Horticulture belge et étrangère*, vols. 1-32, 1875-1906.

EPONYMY: *Kerchovea* Jorissenne (1882).

3589. *Le livre des Orchidées* ... Ouvrage illustrée de 310 gravures et de 31 planches en chromolithographie. Gand (Ad. Hoste, ...), Paris (G. Masson, ...) 1894, Oct. (*Livre Orchid.*).
Publ.: In three parts, Nov-Dec 1894, p. [i]-viii, [1]-601, *pl. 1-31*. *Copies*: G (*9 pl.*), MO, NY, USDA. Published in parts: 1: [i]-viii, 1-274. Nov 1894, 2/3: 275-601. Dec 1894 (Bot. Zeit. 16 Jan 1895).

3590. *Les Palmiers* histoire iconographique géographie-paléontologie-botanique-description culture-emploi, etc. Avec index général des noms et synonymes des espèces connues ouvrage orné de 228 vignettes et de 40 chromolithographies dessinées d'après nature par P. de Pannemaker. Paris (J. Rothschild ...) 1878. Oct. (*Palmiers*).

Ed. 1: 1878 (p. vi: Dec 1877), p. [i], [iii], [v]-viii, [1]-348, chart, *pl. 1-40* (chromoliths.). *Copies*: BR, G, MICH, MO, NY, U, US, USDA, USGS. – The plates are coloured liths. of drawings by P. de Pannemaker.
Further editions (re-issues), (n.v.): 1894 (Nat. Nov. Oct 1894), 1896 (Nat. Nov. Jan(1) 1897), 1902 (Nat. Nov. Oct (1) 1902).
Ref.: Balis, J., Hortus Belgicus 75. 1962.

Kerckhove, Lorenz Wenceslas (1785-1839) [fictitious] Dutch botanist.

NOTE: Created by an anonymous contributor to Appleton's Cyclopedia of American Biography (ca. 1890). See Barnhart, J. New York Bot. Gard. 20: 173-174. 1919. Reported to have travelled in Central America and the United States, to have been professor of natural history at Leiden, and to have published e.g. *Surinam in Bildern und Skizzen* (1835) and *Historia plantarum circa Havana sponte crescentium*, (3 vols. Amsterdam 1839). Wholly fictitious. A mixture of rich imagination with details reminiscent of Kappler, Kerchove and Humboldt.

Kern, Frank Dunn (1883-1973), American mycologist and phytopathologist; Ph. D. Columbia 1911; specialist on Uredinales; associate botanist at Purdue University (1905-1910); instructor at Purdue 1910-1913; from 1913-1950 at Pennsylvania State University. (*F. Kern*).

HERBARIUM and TYPES: PAC and PUR; duplicates CUP, IAC, NY.
Ref.: Kern, Bull. Torrey bot. Club 34: 459-463. 1907 (mycol. coll. Colorado).
Shope, Mycologia 21: 293. 1929.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 283; Bossert p. 209; Hirsch p. 149; IH 2: 353; Kew 3: 238; LS 13820, 35336-35350, suppl. 13740-13759; MW p. 230; NAF 7(15): 1072-1073; Roon p. 60; Stevenson p. 1247; TL-2/1: 781.
Anon., J. New York Bot. Gard. 9: 69. 1908, 12: 134. 1911; Mycologia 38: front. portr. 1946.
Boyle et al., Phytopathology 64: 766. 1974 (portr.).
Ewan, J., Rocky Mountain naturalists 243. 1950.
Fergus et al., Mycologia 66(5): 739-742. 1974 (portr., bibl.).
Hesler, L. R., Biogr. sketches North Amer. mycol. 1975 (mss.).
Murrill, W. A., Hist. found. bot. Florida 30. 1945.
Rickett, H. W., Index Bull. Torrey bot. Club 54. 1955.
Rogers, D. P., Brief hist. mycol. N. Amer. 29. 1977.
Rogerson, C. D., Mycologia index vols. 1-58, p. 935-936. 1968.

COMPOSITE WORKS: (1) NAF, *Aecidiaceae, Gymnosporangium*, 7(3): 188-211. 15 Apr 1912 (TL-2/781).
(2) Associate editor *Mycologia* 1926-1932.

NOTE: Kern's thesis *A biologic and taxonomic study of the genus Gymnosporangiu* was published in the Bull. New York Bot. Gard. 7: 391-483. 1911 (Nat. Nov. Dec (2) 1911; rev. Mycologia 4: 40. 6 Jan 1912). It was revised and issued in book-form 26 Jul 1973 as "*A revised taxonomic account of Gymnosporangium.*" (Taxon 22: 684. 1973, 23: 202-203. 1974), probably the only taxonomic treatment ever to have been revised and republished by the original author after 62 years. – Kern conributed towards J. C. Arthur, *The plant rusts*, New York 1929.

EPONYMY: *Kernella* Thirumalachar (1949); *Kernia* Thirumalachar (1947); *Kerniomyces* Toro (1939). *Note*: *Kernia* Nieuwland (1916) may also commemorate him. – Kern Graduate Building, graduate center at Penn State, 1971.

Kern, Johannes Hendrikus (1903-1974), Dutch botanist, high school teacher at Nijmegen ; later at the Rijksherbarium, Leiden, specialist on Cyperaceae. (*J. Kern*).

HERBARIUM and TYPES: L (Dutch coll.), BO (Java).

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 425, 674; Bossert p. 209; IH 2: 353-354; Kew 3: 238-239; MW suppl. p. 157; Roon p. 60; SK 5: ccxi-ccxcii, 8: liv.
Anon., Fl. males. bull. 25: 1910. 1971.
Jacobs, H., Vakbl. Biol. 54: 249. 1974 (portr.).
Kalkman, C., Blumea 22: 2-3. 1974 (portr.).
Ooststroom, S. J. van, Gorteria 4: 69-72. 1968 (portr., bibl.); (and J. Mennema), 5: 95. 1970, 7: 49-50. 1974.
Rollins, R. C., Taxon 5: 2. 1956 (photogr. in group).
Steenis, C. G. G. J. van, Blumea 17(1): 1-3. 1969 (bibl.).
Westhoff, V., Jaarb. Kon. Ned. Bot. Ver. 1970: 95-99. 1971.

COMPOSITE WORKS: (1) Backer, C. A. and R. C. Bakhuizen van den Brink Jr., *Flora of Java, Cyperaceae*, 3: 451-495. 1968 (TL-2/230).
(2) *Flora neerlandica*, vol. 1(3), *Cyperaceae* (*Carex*), with Th. J. Reichgelt, Amsterdam 1954, 133 p.

Kerner von Marilaun, Anton Joseph, Ritter (1831-1898); Austrian botanist, Dr. med. Wien 1854; high school teacher at Budapest 1855-1858, at the Polytechnic 1858-1860; director of the Innsbruck (1860-1878), and of the Vienna botanical garden (1878-1898); outstanding floristic botanist, plant geographer and popular writer. (*A. Kern*).

HERBARIUM and TYPES: WU (80.000). – For further details on collections see IH. (1) Kerner's main series of published exsiccatae (with K. Fritsch Jr. and R. von Wettstein) *Flora exsiccata austro-hungarica a museo botanico universitatis edita* was published as follows:

fasc.	numbers	date	issued by
1	1-200	1881	A. Kerner
2	201-400	1881	
3	401-600	1882	
4	601-800	1882	
5	801-1000	1883	
6	1001-1200	1883	
7	1201-1400	1885	
8	1401-1600	1886	
9	1601-1800	1887	
10	1801-2000	1888	
11	2001-2200	1892	
12	2201-2400	1893	
13	2401-2600	1895	
14	2601-2800	1896	

fasc.	numbers	date	issued by
15	2801-3000	Jan 1899	
16	3001-3200	Aug 1899	K. Fritsch
17	3201-3400	1901	
18	3401-3600	1902	
19	3601-3800		
20	3801-4000	1903	R. v. Wettstein

Sets at B, BM, GB, GJO, GOET, GZU, IBF, JE, K, L, LE, MW, OXF, PR, S, W, – For *Schedae*: see below no. 3598.

(2) *Herbarium österreichischer Weiden*, with Joseph Kerner (1829-1906), sets e.g. at B, BM, IBF, L, MANCH, P, WU. (Number of sets to be issued (subscription pamphlet 1863): 50).

decas	date	lists in Österr. bot. Z.
1	1863	13: 414-415
2	1864	14: 299
3	1865	15: 99-100
4	1865	15: 333-334
5	1866	16: 68
6, 7	1867	17: 64
8, 9	1869	19: 131-132

Ref.: Kerner, A., und J., Einladung zur Subskription auf das Herbarium österreichischer Weiden. Innsbruck 1863, 2 p. (copy: G).
Schlechtendal, D. F. L. von, Bot. Zeit. 22: 23-24, 288. 1864, 23: 148, 326. 1865, 24: 55-56. 1866.
Bary, H. A. de, Bot. Zeit. 27: 471-472. 1869.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 312, 6(1): 202, 12(3): 127; Backer p. 301; Barnhart 2: 283; BFM 2009, 3029, 3030; BJI 1: 30-31; Blunt p. 224, 241, 265; BM 2: 971; Bossert p. 209; Clokie p. 193; CSP 3: 639-640, 8: 68-69, 10: 388, 12: 383-384, 16: 248-249; DTS 1: 139-145, 151, 3: xliv, 4: xlv-xlvi, 5: 1, 6(4): 159-160; GR p. 452-453; Hortus 3: 1197 ("Kern., A."); IH 2: 354; Jackson p. 566 [index]; Kanitz 259; Kew 3: 239-240; KR p. 342; Langman p. 408; LS 13821-13822; Maiwald p. 279; Moebius p. 58, 452; NI 1033; Plesch p. 282-288; PR 4628-4634, 10586; Rehder 5: 451; Saccardo 1: 92, 2: 60; SBC p. 124 ("Kerner"); TL-2/1: see Fritsch Jr., K.; Tucker 1: 386; Urban-Berl. p. 261, 363; Zander ed. 10, p. 677.

Alberti et al., Gedenkblatt zur Kerner-Feier am 12. November 1891. Wien 1891, 24 p. (bibl., portr.).
Anon., Bot. Centralbl. 53: 128. 1893; Bot. Gaz. 26: 223. 1898; Bot. Not. 1899: 48; Botanik und Zoologie in Österreich 1850-1900. Wien 1901 (portr.), Bot. Zeit. 56(2): 224. 1898; Bull. Soc. bot. France 19(bibl.): 97. 1872 (appointed Prague; K. did not accept this appointment); Flora 61: 464. 1878 (appointment at Vienna); Almanach Akad. Wiss. Wien 49: 270-273. 1899 (necrol.).
Beck, G., Vegetationsverh. Illyr. Länder 10, 37. 1901 (Veg. Erde 4).
Degen, A., Termész. Közl. 30: 394-407. 1898 (fide Dörfler).
Dörfler, I., Botaniker-Porträts 1906, no. 1 (portr.).
Fritsch, K., Verh. Zool. bot. Ges. Wien 48: 694-700. 1898 (repr. 7 p.).
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Janchen, E., Catal. fl. austr. 1: 5. 1956.
Kárpáti, Bot. Közlem. 50(4): 197-202. 1963 (on K. as founder of Hungarian geobotany) (portr.).
Kronfeld, E. M., Anton Kerner von Marilaun. Leipzig 1908, xx, 392 p. (portr., bibl.).
L. M., Der Alpenfreund 10: 227-230. 1877 (portr.).
Mägdefrau, K., Neue deut. Biogr. 11: 529-531. 1977 (many refs.).
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Pax, F., Grundz. Pflanzenverbr. Karpathen 1: 24, 29, 61. 1898 (Veg. Erde 2(1)).
Veer, P. H. W. A. M. de, Leven en werk van Hugo de Vries, Groningen 1968, fig. 68 (portr.).

Vierhapper, Introduction and notes to *Das Pflanzenleben* "2. (anastatische) Auglage" mit 24 Bildtafeln neu herausgegeben. Wien 1929.
Wettstein, R. von, Ber. deut. bot. Ges. 16: (43)-(58). 1898 (bibl.); Verh. bot. Ver. Brandenburg 40: ciii-civ. 1898.
Wolkenhauer, Geogr. Jahrb. 22: 443-444. 1900.
Wittrock, V. B., Acta Horti gerg. 3(3): 68, lxxvii-lxxviii, *pl. 87*. 1905 (portr.).

HANDWRITING: Kronfeld, E. M., Anton Kerner von Marilaun, Leipzig 1908, pl. between p. 288/289.

EPONYMY: *Marilaunidium* O. Kuntze (1891).

3591. *Das Pflanzenleben der Donaulaender* ... Innsbruck (Verlag der Wagner'schen Universitäts-Buchhandlung) 1863. Oct. (*Pfl.-Leben Donauländ.*)

Ed. 1: 24 Jan 1863 (Gams 1970, p. 223; Flora rd. 11 Sep 1863; BSbF Apr 1864), p. [i]-xii, [1]-348. *Copies*: G, NY.
Ed. 2: 1897 (vol. 1: Flora 30 Jul 1897), n.v. – A "second edition" announced by Öst. bot. Z. 14: 98. 1864 was never published.
Ed. 2, reprint: "2. (anastatische) Auflage mit Ergänzungen und 24 Bildtafeln neu herausgegeben von F. Vierhapper" Innsbruck (Universitäts-Verlag Wagner) 1929. – *Editor*: Friedrich Vierhapper (1885-1932). – *Publ.*: 1929, front., portr. Kerner, p. [1]-xvi, facsimile: [1]-444, add. lit. 445-452. *Copies*: G, USDA. – Rev. Engler, Bot. Jahrb. 63(Lit.): 52. 1930.
English version: "*The background of plant ecology.*" Henry S. Conard, a translation from the German, the plant life of the Danube basin by Anton Kerner (1863). Ames, Iowa (The Iowa State College Press), s.d., 1950, p. [i]-x, [1]-238. *Copy*: NY. – "The original German of this book, published in 1863, is the immediate and direct parent of all later works on plant ecology" (Conard).
Ref.: Irmisch, T., Bot. Zeit. 21: 131-135. 17 Apr 1863.
Sauter, Flora 47: 101-108, 129-141. 1864.

3592. *Die hybriden Orchideen* der österreichischen Flora ... Wien (Im Selbstverlage der Gesellschaft) 1865. Qu. (*Hybrid. Orchid.*)
Publ.: 1865 (submitted 1 Mar 1865; Flora 19 Apr 1866), p. [i], [1]-34, *pl. 2-7* (uncol. liths.). *Copy*: G. Preprinted from Verh. k.k. zool. Bot. Ges. Wien 15(Abh.): 203-236. 1865.

3593. *Novae plantarum species* Tiroliae, Venetiae, Carnioliae, Carinthiae, Styriae et Austriae. Innsbruck (Druck der Wagner'schen Universitäts-Buchdruckerei) 1870-1871, 3 decades. Oct. (*Nov. pl. sp.*).

Decas 1: 1870 (Flora rd. after 25 Jul), p. [1]-46, *pl. 1-2*. Reprinted from Z. Ferdinandeum Innsbruck 3(15): [247]-292, *pl. 1-2*. 1870.
Decas 2: 1870, p. [i], [1]-25. Reprinted from Ber. naturw. Med. Ver. Innsbruck 1(2): 97-121. 1871. "... species ... continens descriptiones plantarum novarum a cl. Jaeschke in Himalajae collectarum."
Decas 3: 1871, p. [i], [1]-50. Preprinted from id. 2(2/3): 124-173. 1872. "Species ... continens descriptiones ruborum novorum Austriae ..."
Copies: G(1-3), MO(2), NY(2); IDC 859(1-3). – The paper "*Novae plantarum species*," Österr. bot. Z. 24: 235-238. 1874 does not belong to this series.
Ref.: Sauter, Flora 53: 338-340. 1870.

3594. *Können aus Bastarden Arten werden?* ... Wien (Druck von C. Heberreuter (M. Salzer)) 1871. Oct.
Publ.: 1871, p. [1]-10. *Copy*: G. – Reprinted from Österr. bot. Z. 21(2): 34-41. Feb 1871, to be cited from journal.

3595. *Die Vegetationsverhältnisse des mittleren und östlichen Ungarns* und angrenzenden Siebenbürgens ... Innsbruck (Verlag der Wagner'schen Universitäts-Buchhandlung) [1867-] 1875 [-1879]. Qu. (*Veg.-Verh. Ungarns*).

Publ.: originally published as a long series of papers in Österr. bot. Z. 17 (1867)-29 (1879), listed by CSP (8: 68-69, 12: 383) and DTS (1; 144). Reprinted with independent pagination in three parts with the above title and imprint, 536 p. *Copy*: WU (inf. W. Gutermann). We have found only one copy of this reprint and are therefore not in a position to give further details. DTS state that part 3, p. 409-536, was printed but never issued. The WU copy contains these pages. The t.p. of this copy is that for "Lieferung I" stated by DTS to contain p. 1-256; part 2 would have contained p. 257-408.
Ref.: Gams, Arch. Naturschutz 10(4): 221-232. 1970 (also for 3591).

3596. *Monographia Pulmonariarum* . . . tabulis xiii illustrata. Oeniponte [Innsbruck] (Sumptibus librariae academicae Wagnerianae) 1878. Qu. (*Monogr. Pulmon.*).
Publ.: Jan-Mar 1878 (p. iii: 15 Mar 1877; Bot. Zeit. 22 Mar 1878; J. Bot. Apr 1878), p. [i*-iii*], [i]-[iv], [1]-51, [52, corr.], *pl. 1-13* (uncol. author), [1, index]. *Copies*: G, GRON, MO, NY, US, USDA.

3597. *Table des espèces contenues dans Kerner, Flor. exsicc. austr.-hung.* Fascicules i à viii (inclus). s.l.n.d. (*Tabl. Kerner fl. exs.*).
Publ.: p. [1]-82, [2, Hieracium]. *Copy*: G. – Lithographed handwritten text. No date known.

3598. *Schedae ad Floram exsiccatam austro-hungaricum* opus cura Musei botanici Universitatis Vindobonensis conditum auctore A. Kerner . . . Vindobonae [Wien] (E. typographia Alexandri Eurichii successoris (L. Lott.)) 1881-1913, 10 fasc. Oct. (*Sched. fl. exs. austro-hung.*).

		t.p.	latest dates	nos. exs.
1	[i, iii], [1]-62	1881	Mai 1881	1-200
	63-136. [index 1-3]	1881	Jun 1882	201-400
2	[i]-iv, [1]-175, *1 pl.*	1882	Apr 1883	401-800
3	[i]-iv, 1-177	1884	Oct 1884	801-1200
4	[i]-iv, 1-114	1886	Dec 1886	1201-1600
5	[i]-iv, 1-118	1888	Jan 1889	1601-2000
6	[i]-iv, [1]-135	1893	Sep 1893	2001-2400
7	[i]-iv, [1]-111	1896	Mar 1896	2401-2800

Fasc. 8 and *9* edited by Karl Fritsch Jr. (1864-1934):

8	[i]-iv, [1]-121, *1 pl.*	1899		2801-3200
9	[i]-iv, [1]-152	1902		3201-3600

Fasc. 10 by Heinrich, Freiherr von de Handel-Mazzetti (1882-1940) and Ignaz Dörfler (1866-x); editor Richard Wettstein (1863-1931).

10	[i]-iv, 1-132	1913	Sep 1913	3601-4000, p. iii: Jul 1913

Copies: G, M, MO, US(1-4), USDA.
Imprints: 1, as above, but see below for a variant.
2-5, 7-9 Vindobonae (e typographia caesarea regia aulica et imperiali).
6 Vindobonae (e typographia M. Salzeri).
10 Vindobonae (Institutum botanicum C.R. Universitatis, . . .).
Titles 2-7: Schedae . . . – hungaricam. Opus cura musei botanici universitatis vindobonensis conditum.
8-9: . . . opus ab A. Kerner creatum cura . . . editum viii [ix] auctore . . .
10: . . . opus av A. Kerner creatum cura . . . editum x adjuvantibus H. de Handel Mazzetti et I. Doerfler, editore R. de Wettstein.
Variant t.p. of no. 1: Schedae . . .-hungaricam a museo botanico Universitatis vindobonensis editam auctore A. Kerner. Vindobonae. Ex typographia caesarea regia aulica et imperiali. 1881. Prostat apud Faesy et Frick, C.R. librarios aulicos." *Copy*: USDA.

3599. *Pflanzenleben* . . . Leipzig (Verlag des Bibliographischen Instituts) [1886-] 1887-1891, 2 vols. Oct. (*Pflanzenleben*).

Ed. 1: 2 vols. *Copies*: G, MO, NY, USDA.
1: 1886-Dec 1887 (t.p. 1888; part 14 issued Dec 1887), p. [i]-x, [1]-734, *20 pl.* – "Gestalt und Leben der Pflanze."

2: Sep 1889-Nov 1891 (16 parts; dates and contents given in Nat. Nov.), p. [i]-viii, errata slip, [1]-480, 479-896. – "Geschichte der Pflanzen." Leipzig und Wien (id.).
Reissue vol. 1: 1890 (t.p.), Leipzig und Wien (id.), p. [i]-x, [1]-734, *20 pl. Copy*: USDA.
Ed. 2: 2 vols., 1896-1898 (in 28 parts from Sep 1896-Mai 1898), Leipzig und Wien (id.). *Copy*: NY.
1: 1896 (t.p.; Nat. Nov. 1 Sep 1897), p. [i]-x, [1]-766, *21* col., *13* uncol. pl.
2: 1898 (Bot. Zeit. 16 Jun 1898), p.[i]-x, [1]-778, *19* col., *11* uncol. pl.
Ed. 3: 3 vols., 1913-1916 (completed Apr 1916), Leipzig und Wien (id.). *Copies*: MO, USDA.
1: Aug 1913, p. [i]-xii, [1]-495, *21* col. pl., *7* uncol. pl.
2: Dec 1913, p. [i]-xii, [1]-543, *20* col. pl., *14* uncol. pl. – "Neubearbeitet von Dr. Adolf Hansen" [Carl Adolph Hansen (1851-1920)].
3: Apr 1916, p. [i]-xii, [1]-555, *pl. 1-29*.
Neudruck: s.d. Leipzig und Wien (id.), 2 vols. Oct. *Copy*: US.
1: [i]-xii, [1]-495, *21* col., *6* uncol. pl.
2: [i]-xii, [1]-543, *20* col. pl., *14* uncol. pl.
English translation; see 3600: *The natural history of plants*.
Russian translation: with notes and bibliographical addenda, by A. Henkel and Wilhelm Franzschel, ed. by J. P. Borodin. St. Petersburg 1899-1901 (n.v.).
Italian translation: no details known to us.
Dutch translation: "*Het leven der planten* . . . naar den tweeden druk voor Nederland bewerkt door Dr. Vitus Bruinsma . . ." Zutphen, Schillemans & van Belkum, s.d. [1902], 4 vols. *Copy*: Kon. Inst. Tropen, Amsterdam (*Leven pl.*).
Ref.: Krause, K., Bot. Jahrb. 51(Lit.): 2. 1913.
Engler, A., Bot. Jahrb. 54(Lit.): 50. 1917.

3600. *The natural history of plants* their forms, growth, reproduction, and distribution from the German of Anton Kerner von Marilaun . . . by F. W. Oliver . . . with the assistance of Marian Busk, B. Sc. and Mary F. Ewart, B. Sc. With about 2000 original woodcut illustrations and sixteen plates in colours . . . London (Blackie & Son, . . .) Glasgow and Dublin, 1894-1895, 2 vols. Oct. (*Nat. hist. pl.*)
Original title: "Pflanzenleben", see 3599. Translation by Francis Wall Oliver (1864-1951).
Collaborators: Marian (Lady) Busk (née Balfour, 1861-1941) and Mary Frances Ewart (later Macdonald).
Issue in 2 vols.: *Vol. 1* (part 1-7): [i]-xiv, [xv], [1]-777, *pl. 1-8*; *Vol. 2* (parts 8-16): [i]-xiv, [xv], [1, err.], [1]-983, *pl. 9-16*. *Copies*: MO, USDA.
Issue in 4 half-volumes: *1*: [i]-iii, [1]-400, *pl. 1-3*; *2*: [i-iii], 401-477, *pl. 5-8*; : [i-iii], [1]-496, *pl. 9-14*; *4*: [i-v], 497-983, *pl. 15-16*. *Copy*: MO.
Imprint: New York (Henry Holt and Company) 1895; also with London imprint. *Copies*: MO (New York), US (London). The US copy of the four half volumes issue (London imprint) has in addition the preface material following the volume t.p.'s: 1: [i]-xiv, [1, h.t.; 1, err.]. *2*: [i]-xiv.

parts	pages	dates	parts	pages	dates
1	[1]-112	Mai 1894	8	1-112	Dec 1894
2	113-224	Jul 1894	9	113-208	Feb 1895
3	225-336	Jul 1894	10	209-320	Feb 1895
4	337-448	Aug 1894	11	321-432	Apr 1895
5	449-560	Sep 1894	12	433-544	Apr 1895
6	561-672	Nov 1894	13	545-656	Jul 1895
7	673-777	Dec 1894	14	657-752	Jul 1895
9	[i]-xiv (vol. 1)	Feb 1895	15	753-880	Oct 1895
			16	881-983	Oct 1895

The dates are those of citation in Nat. Nov.
New edition: 1902-1903 (16 monthly parts), t.p.'s dated 1904, "*The natural history of plants* . . . F. W. Oliver . . . with the assistance of Lady Busk B. Sc. and Mrs. M. F. Macdonald B. Sc. . . ." London (The Gresham Publishing Company . . .) 1904. Oct. *Copy*: USDA. – *Vol. 1*: portr. (Kerner), p. [iii]-xvi, [1], [1]-777. *Vol. 2*: [i]-xi, 1-983.
Ref.: Curtis, Bull. Torrey bot. Club 22: 403-409. 1895.

Anon., Bot. Gaz. 20: 327-328. 1895, 21: 37-38. 1896.
MacMillan, Bot. Gaz. 21: 20-25. 1896.

Kerner, Johann Simon [von] (1755-1830), German botanist and botanical artist at the Württemberg Carl's Universität, Stuttgart. (*J. Kern.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 283; Blunt p. 167-168; Dawson p. 485; Dryander 2: 248, 3: 155, 207, 236, 415; GF p. 62; Jackson p. 113, 115, 147; Kew 3: 239; Langman p. 408; Lasèque p. 528, 542; LS 13823; MW suppl. p. 157; NI 1034-1045; PR 4635-4642 (ed. 1: 5173-5186); Rehder 5: 451; Tucker 1: 386; Zander ed. 10, p. 677.
Anon., Bot. Not. 1901: 114; Flora 13: 472. 1830.
Lehmann, E., Schwäbische Apotheker 27, 198. 1951.
Martens, G. M. v. et C. A. Kemmler, Fl. Württ. ed. 2: 779. 1872 (n.v.).
Nissen, C., Philobiblon 6(9): 338. 1933.

EPONYMY: *Kernera* F. Paula von Schrank (1786, *nom. rej.*); *Kernera* Medikus (1792, *nom. cons.*); *Kernera* Willdenow (1806); *Kerneria* Moench (1794).

3601. Johann Simon Kerners, . . . *Beschreibung und Abbildung der Bäume* und Gesträuche, welche in dem Herzogthum Wirtemberg wild wachsen. Erster Heft . . . Stuttgart (gedrukt bei Christoph Friedrich Cotta, . . .) 1783. Qu. (*Beschr. Abbild.*).

Heft 1: 1783, p. [i-x], [1]-30, *pl. 1-7* (handcol. engr. author). *Copy*: M.
Hefte 2-8 (or *9*): 1784-1792, *pl. 8-71*, not seen.

3602. Johann Simon Kerners, . . . *Giftige und essbare Schwämme*, welche so wohl im Herzogthum Wirtemberg, als auch im übrigen Teutschland wild wachsen. Mit 16. nach der Natur ausgemalten Kupferplatten. Stuttgart (bey dem Verfasser) 1786. Oct. (in fours). (*Gift essb. Schwämme*).
Publ.: 1786 (p. viii*: Ostermesse 1786), p. [i*-viii*], [i]-viii, [1]-68, *pl. 1-16* (col. copp. engr.). *Copies*: FH, G, MICH, Stevenson, USDA.
Ref.: Lütjeharms, W. J., Gesch. Mykol. 243. 1936.

3603. *Flora stuttgardiensis.* Oder Verzeichnis der um Stuttgart wildwachsenden Pflanzen. Stuttgart (im Verlag der Herzogl. hohen Carlsschule) 1786. Oct. (*Fl. stuttgard.*).
Publ.: 1786 (p. [vi]: Mai 1786), p. [i-vi], [1]-402. *Copies*: G, NY, Regensburg.

3604. Johann Simon Kerners, . . . *Abbildung aller oekonomischen Pflanzen* . . . Stuttgart (gedruckt in der Druckerei der Herzoglichen hohen Carlsschule) 1786-1798, 8 vols. Qu. (*Abbild. oekon. Pfl.*)

1: 1786, [1]-70, *pl. 1-100.*
2: 1788, [i], 71-112, *pl. 101-138, 140-200.*
3: *4*: n.v.
5: 1792, p. [1]-36, *pl. 401-454, 456-467, 469-474, 473-500.*
6: 1793, p. [i], 39-68, *pl. 501-600.*
7: 1794, p. [i], 71-96, *pl. 601-700.*
8: 1796, p. [i], 97-134, *pl. 701-800.*

Only *copy* seen, incomplete: B. – The plates are handcoloured etchings. – *Imprints*: *1-6*: as above; *7*: Stuttgart (gedruckt in der Herzoglichen Buchdruckerei); *8*: Stuttgart (gedruckt bei den Gebrüdern Mäntler).

3605. *Darstellung vorzüglicher ausländischer Baeume* und Gestraeuche, welche in Deutschland im Freien ausdauern. Erster Band. Tab. 1-60. Tübingen (in der J. G. Cottaischen Buchhandlung) 1796. Qu. † (*Darstell. ausländ. Bäume*).
Publ.: in four parts (all published) 1796, (p. [iv], Mar 1796), p. [1]-8, *pl. 1-60* (hand-col. copper engr., author). *Copies*: B, NY (*pl. 59* lacking).

3606. Johann Simon Kerneri ... *Icones plantarum selectiorum.* Fasciculus 1. Stuttgartiae (prostat apud Autorem) 1802. †. (*Icon. pl. select.*).
Publ.: 1802 (p. [1]: Feb 1802), cover, annonce [1-4], *4 plates* (hand-col. engr.) taken from the *Hortus sempervirens. Copy*: G.

Kernstock, Ernst (1852-1900), Austrian botanist and high school teacher at Bozen and Klagenfurt. (*Kernst.*).

HERBARIUM and TYPES: W; other material: E, LD, LE, STU, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 284; CSP 16: 249; DTS 1: 152-153; 4: xlvi, 6(4): 160; GR p. 434, cat. p. 65; IH 2: 354; LS 13824-13833, 35351; Saccardo 1: 92; SBC p. 124 ("Kernst.").
Zahlbruckner, A., *in* Festschrift zool. bot. Ges. Wien 181-182. 1901.

Kersten, Otto (1839-1900), German botanist, participated with Hermann Linck in the Decken expedition (1862-1865); collected later in the Mediterranean area. (*Kerst.*).

HERBARIUM and TYPES: B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 285; BM 2: 972; IH 2: 354; Urban-Berl. p. 304, 362.
Embacher, L., Lexik. Reisen 163. 1882.

3607. Baron Carl Claus von der Decken's *Reisen in Ost-Afrika* in den Jahren 1859 bis 1861. Bearbeitet von Otto Kersten, früherem Mitgliede der von der Decken'schen Expedition. Mit einem Vorworte von Dr. A. Petermann. Die Insel Zansibar. Reisen nach dem Niassasee und dem Schneeberge Kilimandscharo ... Leipzig und Heidelberg (C. F. Winter'sche Verlagshandlung) 1869. Oct. (*Reis. Ost-Afr.*).
Traveller: Carl Claus von der Decken (1833-1865).
Introduction: August Petermann (1822-1878), German geographer.
Erzählender Theil, Erster Band: 1869 (p. xiii: Oct 1868; Bot. Zeit. 20 Aug 1869), p. [ii-iii, t.p.'s], portr., [v]-xix, [xx], front., [1]-335, *pl. 1-23* (uncol.), 3 maps. *Copies*: MICH, NY, Teyler. – *Other title-page*: "Baron ... Jahren 1859 bis 1865. Herausgegeben im Auftrage der Mutter des Reisenden, Fürstin Adelheid von Pless. Erzählender Theil ... Erster Band."
Erzählender Theil, Zweiter Band: 1871, p. [ii]-xvi, [ii]-xvi, [1]-454, [1, list], *15 pl., 8 maps. Copy*: Teyler. – "... in den Jahren 1862 bis 1865 ..."
Vol. 3: in three parts, of which (1) and (2) zoological, n.v.; *part 3* as follows (see also TL-2/198):
Dritter Band: Wissenschaftliche Ergebnisse. *Dritte Abtheilung*: Geologie; Botanik; ... Leipzig und Heidelberg (id.) 1879. – *Botanik* [separately paged], p. [1]-91, *pl. 1-5*, by A. Ascherson (other phan.), O. Böckeler (Cyperaceae, p. 72-73), F. W. Klatt (Irid. p. 73-74; comp. p. 75-79). M. Kuhn (crypt. vasc. 7-71), P. G. Lorentz (musci p. [3]-7), W. Sonder (algae p. [3], [79]-85).
Vol. 4: Ornithology, n.v.

Kessel, Stephen Lackey (1897-x), Australian forester, conservator of forests W. Australia 1921-1941. (*Kessel*).

HERBARIUM and TYPES: PERTH (inf. Hj. Eichler).

BIBLIOGRAPHY and BIOGRAPHY: Kew 3: 242.
Hall, N., Botanists of the Eucalypts 78. 1978.

3608. *Key to the Eucalypts* of Western Australia. With descriptive and botanical notes concerning all arborescent species of Eucalyptus known to be indigenous to Western Australia (June, 1924) ... Perth (by authority: Fred. Wm. Simpson, ...) 1924. (*Key Eucalypts*).
Co-author: Charles Austin Gardner (1896-1970).

Publ.: 24 Jun 1924, p. [1]-128, *34 pl. Copy*: US. – Forest Department, Bulletin no. 34. Western Australia.

Keys, Iasaiah Waterloo Nicholson (1818-1890), English botanist, bookseller and printer at Plymouth. (*Keys*).

HERBARIUM and TYPES: PLY (destroyed 1941); other material CGE, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 286; BB p. 173; BL 2: 231, 235; CSP 3: 646, 8: 71, 16: 260; Clokie p. 193; Desmond p. 358; IH 2: 355; Jackson p. 151; Kew 3: 249; PR 4652; Rehder 1: 402.
Anon., Bot. Not. 1891: 46.
Britten, J., J. Bot. 29: 382. 1890.
Briggs, T. R. A., Fl. Plymouth xxx, xxxiii. 1880.
Davey, F. H., Fl. Cornwall xlv-xlvi. 1909.
Fraser, G. T., Fl. Devon 773. 1939.

EPONYMY: *Keysseria* Lauterbach (1914) is dedicated to Christian Keysser (1877-x), German missionary in New Guinea, ethnologist and collector of plants and animals.

3609. *Flora of Devon and Cornwall* . . . Plymouth (Isaiah W. N. Keys, 52, Bedford Street) 1866 [-1871]. Oct. (*Fl. Devon Cornwall*).
Publ.: in parts, in Annual Reports and Transactions of the Plymouth Institution and Devon and Cornwall natural History Society vols. 2-3; reprinted, when issued, for private circulation.

part	pages reprint	pages Trans.	dates
1	[1]-49	2: 21-69	Oct-Dec 1866
2	[i-iv], [51]-121	2: 107-181	early 1868
3	[i-iv], [5]-43, [123-161]	3: 41-83	Sep-Dec 1868
4	[i-iv], [163]-204	3: 99-144	Dec 1869 (p. iv: 4 Oct 1869)
5	[205]-330	3: 179-304	1871 or Jan 1872

Copy reprint: HH. – For analogous publications on bryophytes and lichens of Devon and Cornwall see E. M. Holmes (TL-2/2948-2950).
Preliminary notice: Phytologist 3: 1022-1024. 1850.
Ref.: Trimen, H., J. Bot. 381-383. 1866.

Keyserling, Alexander Friedrich Michael Leberecht Arthur von, [Andreëvich] (1815-1891), Latvian/Russian botanist, geologist and palaeontologist of Baltic German origin; educated at Berlin University; from 1840-1850 handling special missions in the Russian mining department and travelling in Northern and Eastern Russia; from 1850 on his Esthonian estate Raiküll. (*Keyserl.*).

HERBARIUM and TYPES: LE.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 286; BJI 1: 31; BM 2: 975; CSP 3: 646-647, 16: 260; Dawson p. 413; DSB 7: 319-320; Hortus 3: 1197; IF 709; IH 2: 355; Jackson p. 152; Kew 3: 249; Lipschitz 4: 126 (q.v. for further biogr. refs.); MW p. 231; TR 678-679.
Anon., Brockhaus' Conversations-Lexikon ed. 13. 10: 256. 1885; Leopoldina 27: 109-110. 1891; Nat. Nov. 13: 248. 1891.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 174. 1947.
Russov, Alexander Graf Keyserling, ein Gedenkblatt, Reval 1892 (n.v., fide Flora 75: 454. 18 Jun 1892).
Schmidt and Nikitin, Izvestiya Geol. Komiteta 10(15): 1-11. 1891 (bibil.).
Taube von der Issen, Helene von, Graf Alexander Keyserling. Ein Lebensbild aus seinem Briefen und Tagebüchern . . ., Berlin 1902, 2 vols. portr. (vii, 655; iii, 692 p.).

EPONYMY: *Keyserlingia* Bunge ex Boissier (1872).

3610. *Polypodiacea et Cyatheacea herbarii bungeani* . . . Lipsiae [Leipzig] (W. Engelmann) 1873. Qu. (*Polyp. herb. bunge.*)
Publ.: 1873, p. [i]-viii, [1]-74. *Copies*: U, USDA.
Ref.: G.N., Hedwigia 13(1): 14. Jan 1874 ("neu"), 13(6): 92-93. Jan 1894 (as of 1873).

Kiaer, Frantz Casper (1835-1893), Norwegian bryologist and physician; Dr. med. Oslo 1863, hospital physician at Oslo 1864-1893. (*Kiaer*).

HERBARIUM and TYPES: O; further material B, C, E, H, L, OXF, PC, W.
Ref.: Sayre, G., Mem. New York Bot. Gard. 19(2): 221. 1971.

NAME: In his letter to Bescherelle of 2 Feb 1883 (FH) the author signs himself "Frantz Kiaer" and not Franz as is frequently found in the literature.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 286 (d. 1893!); BM 2: 976; Bossert p. 210; CSP 10: 392, 16: 261; IH 2: 357; Kew 3: 253; Kleppa p. 1, 6, 19, 144, 150; Rehder 1: 498; SBC p. 124 ("Kiaer").
Anon., Bot. Not. 1893: 181; Leopoldina 29: 160. 1893.
Blytt, A. G., Rev. bryol. 20: 111-112. 1893.
Wittrock, V. B., Acta Horti Berg. 3(3): 184, *pl. 115*. 1905 (portr.).

EPONYMY: *Kiaeria* I. Hagen (1915, '. . . à la mémoire de Franz Christopher Kiaer . . .").

3611. *Genera muscorum Macrohymenium et Rhegmatodon revisa* specieque nova aucta exposuit F. C. Kiaer . . . Christiania [Oslo] (I commission hos Jacob Dybwad) [1883]. Oct. (*Macrohymenium & Rhegmatodon*).
Publ.: 9-16 1883 (fide letter Kiaer to Bescherelle dated 2 Feb 1883 in FH copy; rev. Bot. Jahrb. 4: 75. 22 Mar 1883), p. [i*], [1]-54, *3 pl. Copy*: FH. – Christiania Vidensk.-Selsk. Forh. 1882(24) 1883).

3612. *Christianias mosser* (The moss-flora of Christiania). Fortegnelse over de i omegnen af Christiania fundne løvmosser og levermosser med angivelse af voxesteder m.m. . . . Christiania [Oslo] (A. W. Brøggers Boktrykkeri) [1885]. (*Christian. moss.*).
Publ.: Jan-Apr 1885 (Rev. bryol. Jun 1885; journal Nat. Nov. Mai 1885), p. [i*], [i]-xxxvi, 1-95. *Copies*: FH, NY. – Christiania Vidensk.-Selsk. Forh. 1884(12): 1885.
Ref.: Boulay, J. N., Rev. bryol. 12(3): 18. 1885.

Kiaerskou, (Kjaerskou) **Hjalmar Frederik Christian** (1835-1900), Danish botanist and high school teacher at Copenhagen; from 1861-1883 assistant at the Botanisk Museum (parttime); from 1883-1900 inspector id. (*Kiaersk.*).

HERBARIUM and TYPES: C; several holotypes were at B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 286; BM 2: 988; Hortus 3: 1197 ("Kiaersk."); IF 709; IH 2: 365; Jackson p. 445; Rehder 2: 619; Tucker 1: 387.
Anon., Bot. Not. 1900: 95.
Christensen, C., Danske Bot. hist. 2: 431-433. 1926 (bibl.).
Lind, J., Danish fungi herb. E. Rostrup 32. 1913.
Rosenvinge, Bot. Tidsskr. 23: 329-333. 1900 (1901) (portr.).
Urban, I., Symb. ant. 1: 88. 1898, 3: 5. 1902.
Warming, E., Bot. Tidsskr. 12: 225-226. 1881.
Wittrock, V. V., Acta Horti Berg. 3(2): 102. 1903.

COMPOSITE WORKS: Editor of the *Botanisk Tidsskrift*, vols. 3-18, 1869-1893.

3613. *Enumeratio Myrtacearum brasiliensium* quas collegerunt viri doctissimi Glaziou, Lund, Mendonça, Raben, Reinhardt, Schenck, Warming aliique auctore Hjalmar Kiaerskou . . . Hauniae [Kjøbenhavn] (apud Jul. Gjellerup. Ex officina Hoffensbergiana) 1893. Oct. (*Enum. Myrt. bras.*).
Publ.: Oct-Nov 1893 (Nat. Nov. Nov 1893; Bot. Zeit. 1 Dec 1893; Flora 12 Dec 1893; Bot.

Gaz. Jan 1894), p. [1]-199 [200, err.], *pl. 1-24. Copies*: G, M, NY, U, USDA. – Constitutes Particula xxxix, symbolarum ad floram Brasiliae centralis cognoscendam edidit Eug. Warming.

3614. *Myrtaceae ex India occidentali* a dominis Eggers, Krug, Sintenis, Stahl aliisque collectae. *Botanisk Tidsskrift* 17: 248-256. 1889, 257-292. 1890.
Publ.: p. 248-256 (Heft 3): 30 Nov 1889; 257-292 (Heft 4): 20 Aug 1890; reprints of the complete paper were distributed Apr 1890. – To be cited from journal.
Ref.: SK 4: cxciii.
Höch, Bot. Jahrb. 15 (Lit.): 28. 1893.
Urban, Bot. Jahrb. 19: 563. 1894 (precise dates); Symb. bot. 1: 88. 1898.

Kickx, Jean, Sr. (1775-1831), Belgian botanist and mineralogist, professor of botany, pharmacy and mineralogy at the Brussels medical school. (*J. Kickx*).

HERBARIUM and TYPES: Some duplicates at BR; location of main herbarium unknown (information kindly supplied by A. Lawalrée).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 302; Barnhart 2: 287; BM 2: 976; Bossert p. 210; CSP 3: 648; IH 2: 357 (incorrect); Jackson p. 272; Kew 3: 253; PR 4653 (ed. 1: 5192-5194); Rehder 1: 392; Tucker 1: 387.
Crépin, F., Guide bot. Belgique 236, 237, 435, 453. 1878.
Evens, F. M. J. C., Gesch. algol. Belgie 175. 1944.
Jourdan, Dict. Sci. med. 5: 422. 1822.
Morren, E., Notice sur la vie et les travaux de Jean Kickx 1775 à 1851. Gand (C. Annout-Braeckman) 1857, 14 p. (portr., bibl.).
Vanderheyden, J. Pharmacie, Anvers, 1851: 315 (fide Morren 1857).

EPONYMY: *Kickxia* Dumortier (1827); *Kixia* Blume (1828). *Kickxia* Blume (1849, *orth. var.* of *Kicxsia* Blume (1828)) is explicitly dedicated to his son Jean Kickx jr., q.v., as well.

3615. *Flora bruxellensis*, exhibens characteres generum et specierum plantarum circum Bruxellas crescentium, secundum Linneum disposita, cum synonymis auctorum, cui additur lexicon botanicon, in quo termini artis breviter exponuntur; cura J. Kickx, pharmacopeorum Bruxellensium collegae . . . Bruxellis (Typis M.-E. Rampelberg, . . .) 1812. Oct. (in fours). (*Fl. bruxell.*).
Publ.: 1812 (BF 23 Oct 1812), p. [i*-iv*], [i]-iii, [1]-348. *Copies*: G, MO, NY, USDA; IDC 5984). Number of copies printed: 600.

Kickx, Jean, Jr. (1803-1864), Belgian botanist and malacologist, son of Jean Kickx (1775-1831); Ph. D. Leuven 1830; professor of botany at Brussels 1831-1835, at Gent 1835-1864; one of the founders of the Société de Botanique de Belgique. (*J. Kickx fil.*)

HERBARIUM and TYPES: GENT. – A set of 200 specimens was sent to Lenormand in 1854, came to CN and is now at P (information P. van der Veken). Kickx' library is also at Gent.
Ref.: MacLeod, J., Liber memorialis Rijksuniversiteit Gent 2: 52. 1912.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 287; BL 2: 37, 657; BM 2: 976-977; CSP 3: 648, 8: 71; GR p. 690; IF suppl. 4: 327; IH 2: 357 (incorr.); Jackson p. 13, 271; Kew 3: 253; LS 13837-13849; PR ed. 1: 5195-5199; Rehder 5: 452; SK 8: lv; Tucker 1: 387.
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Seemann, B., J. Bot. 2: 360. 1864.
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EPONYMY: *Kickxella* E. Coemans (1862). See also under Jean Kickx sr.

3616. Joannis Kickx . . . in Academia Lovaniensi studiosi commentatio ad quaestionem botanicam ab ordine mathem. et physic. ejusdem Academiae propositam: "Detur *accurata descriptio plantarum* officinalium et venenatarum tum phanerogamarum tum cryptogamarum, *in agro lovaniensi sponte crescentium*, addita earum historia. Indicentur characteres praecipui tam familiarum naturalium quam classium Linnei quo referuntur; deinde ostendantur earum proprietates, loci natales, efflorescentiae tempus, usus medici et oeconomici, ac denique doceatur quibus illae notis differant a plantis quibuscum facile possunt confundi." Quae praemio est ornata postridie iduum octobris mdcccxxvi. Lovanii [Louvain, Leuven] (apud Valinthout et Vandenzande, academiae typographos) 1827. Qu. (*Descr. pl. lovan.*).
Publ.: 1827, p. [i*-v*], [i]-xiii, [1-3, authors], [1]-348, [1, err.]. *Copy*: NY. – Also in Ann. Acad. Lovan. 9(17): [i*-iv*], [i]-xiii, [xiv-xvi], [1]-348, [1, err.]. *Copy*: U.

3617. *Flore cryptogamique des environs de Louvain*, ou description des plantes cryptogames et agames qui croissent dans le Brabant et dans une partie de la province d'Anvers, . . . Bruxelles (Imprimerie de Vandooren frères . . .) 1835. Duod. (in sixes). (*Fl. crypt. Louvain*).
Publ.: 1835 (p. xii: 20 Jun 1835), p. [i]-xv, [1]-263, [(1)]-(24) index. *Copies*: MO, NY, Stevenson.

3618. *Notice sur quelques espèces peu connues de la flore belge*, par J. Kickx. Bruxelles (Imprimerie de Vandooren Frères, . . .) 1835. (*Not. esp. fl. belge*).
Publ.: 1835, p. [1]-10, *pl. 1-3* (col. liths.). *Copy*: BR.

3619. *Recherches pour servir à la flore cryptogamique des Flandres* . . . Bruxelles (M. Hayez, . . .), 5 centuries, 1840-1855. Qu. (*Rech. fl. crypt. Flandres*).

1: 1840 (submitted 4 Apr 1840), p. [1]-46. – Reprinted from Mem. Acad. roy. Belgique 13, 1841.
2: 1843 (submitted 5 Aug 1843), p. [1]-46. – Reprinted from id. 17, 1843.
3: 1846 (submitted 3 Apr 1846), p. [1]-51. – Reprinted from id. 20, 1847.
4: 1849 (p. 4: 1 Jul 1848), p. [1]-60. – Reprinted from id. 23, 1849.
5: 1855 (p. 4: 7 Mai 1855), p. [1]-71 (or [1]-63, [i]-vii). – Reprinted from id. 29, 1855.
Copies reprints: G, MICH, MO, NY, USDA.

3620. *Clavis Bulliardiana* seu nomenclator Bulliardi icones fungorum ducente Friesio illustrans . . . Gandavi [Gent] (typis I. S. van Doosselaere) 1857. Oct. (*Clav. Bulliard.*).
Publ.: 1857 (p. 6: idib. Jan 1857), p. [1]-56. *Copies*: BR, L, NY, USDA.

3621. *Flore cryptogamique des Flandres*. Oeuvre posthume de Jean Kickx . . . publiée par Jean-Jacques Kickx. Gand [Gent] (Librairie géńrale de H. Hoste, . . .), Paris (Librairie de J. B. Baillière et Fils, . . .) 1867, 2 vols. Oct. (*Fl. crypt. Flandres*).
Editor: Jean Jacques Kickx (1842-1887), see below.

Vol. 1: Jan 1867 (p. vi: Aug 1866; BSbF Jan 1867; Flora rd. 10 Jul 1867), p. [i]-viii, [1]-521.
Vol. 2: Jul-Aug 1867 (BSbF Aug 1867; Flora rd. 5 Nov 1867). p. [i-v], [1]-490.
Copies: G, MICH, NY (vol. 1), U.
Variant issue: with imprint Gand (Librairie générale de H. Hoste, . . .), Bonn (Librairie d'Adolphe Marcus, . . .) 1867; apart from imprint identical with Gand/Paris issue, as above. *Copies*: MO, NY (vol. 2).
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Kickx, Jean Jacques (1842-1887), Belgian botanist at Gent; son of Jean Kickx, Jr. (1803-1864); Dr. sci. Gent 1864; lecturer 1864, and professor of botany (1867, 1871) at the University of Gent. (*J. J. Kickx*).

HERBARIUM and TYPES: GENT; some material also at BR.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 302; Barnhart 2: 287; BM 2: 977; Bossert p. 210; CSP 8: 71-72, 10: 392, 16: 261; De Toni 1: lxviii; GR p. 696; Jackson p. 74, 104, 181, 272; Kew 3: 253; LS 13850; Rehder 5: 452; SBC p. 124 ("Kickx"); TL-2/1: 909, 1561.
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COMPOSITE WORKS: Published his father's *Flore cryptogamique des Flandres* (no. 3621).

3622. *Monographie des Graphidées de Belgique* ... Bruxelles (M. Hayez, imprimeur de l'Académie royale) 1865. Oct. (*Monogr. Graphid. Belg.*).
Publ.: 1865, p. [1]-31. *Copies*: BR, G. – Reprinted from Bull. Acad. roy. Belgique ser. 2. 20(6): 97-125.
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Kidston, Robert (1852-1924), Scottish palaeobotanist; from early boyhood living at Stirling, his private means enabling him to give his time wholly to science; LL.D. Glasgow 1908; D. Sc. h.c. Manchester 1921. (*Kidst.*)

HERBARIUM and TYPES: GL; other material E, STI. Palaeobotanical material also at GL.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 284-286; Barnhart 2: 287; BB p. 173; BL 2: 312, 675; BM 2: 977; CSP 10: 393, 12: 385, 16: 262-263; Desmond p. 358; IH 2: 357; Kew 3: 254; LS suppl. 13799; Tucker 1: 387.
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3623. *Catalogue of the palaeozoic plants in the* Department of geology and palaeontology, *British museum* (Natural History) ... London (printed by order of the Trustees) 1886. Oct. (*Cat. palaeoz. pl. Brit. Mus.*).
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3624. *Les végétaux houillers* recueillis dans le Hainaut belge et se trouvant dans les collections du Musée royal d'histoire naturelle à Bruxelles ... Bruxelles (Imprimerie Pulleunis & Ceuterick, Dreesen & de Smet, successeurs ...) 1911. Qu. (*Vég. houill.*).
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Kieffer, Frédéric (1827-1927), French botanist of Alsatian origin at Marseille, director of the Petit Lycée. (*F. Kieff.*).

HERBARIUM and TYPES: Unknown.

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Kieffer, Jean-Jacques (1857-1925), French clergyman, entomologist, cecidologist and botanist at the Collège de Bitche. (*Kieff.*)

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 287; BM 2: 977; Bossert p. 211; CSP 16: 263-265; GR p. 284, *pl.* [*30*], cat. p. 66; LS 13852-13855.
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Kielmeyer, Karl Friedrich [**von**] (1765-1844), German naturalist at Tübingen 1796-1817; at Stuttgart 1817-1839. (*Kielm.*).

HERBARIUM and TYPES: Unknown.
Ref.: Anon., Flora 27: 750. 1844, Bot. Zeit. 3: 73. 1845 (herb. for sale).

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3627. *Dissertatio inauguralis botanica, sistens characteristicen et descriptiones decadis rariorum plantarum horti academici tubingensis in Systematibus L. vegetabilium vel non consignatarum vel minus rite definitarum.* Quam praeside Carolo Friderico de Kielmeyer . . . pro gradu doctoris medicinae

mense jul. mdcccxiv publice proponit Joannes Casparus Straub St. Gallo-Helvetus. Tubingae [Tübingen] (ex officina Schrammiana). Qu. (*Dec. pl. horti tubing.*)
Publ.: 21 Jul 1814 (see p. 18), p. [1]-18, errata slip. *Copies*: G, NY. – PR 4666 (ed. 1: 5205) states that K. is de facto author of all dissertations listed under 5200-5205, referring to an "age-old" tradition at Tübingen (see, however, Hegetschweiler no 2561). From F. H. Holler's biography of K. (1940) it would appear that K's authorship of all dissertations is questionable, see e.g. TL-2/2561.

Kienitz-Gerloff, Johann Heinrich Emil Felix (1851-1914), German botanist; Dr. phil. Berlin 1873; part-time assistant of Pringsheim 1874-1878; 1876-1878 teacher at the Friedrichs Realschule, Berlin; from 1878 teacher, later (1908) director of the Landwirtschaftsschule in Weilburg a.d. Lahn. (*Kien.-Gerl.*)

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 288; CSP 10: 393, 16: 265; Frank 3(Anh.) : 50; GR p. 95; Jackson p. 61, 93, 154; Kew 3: 254; LS 13867-13869, 35361-35365; Moebius p. 183, 362.
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Publ.: 1-15 Jan 1874 (Bot. Zeit. 16 Jan 1874; Hedwigia 15 Jan 1874), p. [i], [1]-44 [columns]. *Copy*: G. – Preprinted from Bot. Zeit. 32: 161-172, 193-203, 209-217, 225-235. 1874, continued ("Neue Beiträge"): 33: 777-782. 26 Nov 1875, 793-799. 3 Dec 1875.
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Kiesling, Christian Gotthilf (1724-1754), German botanist. (*Kiesling*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 978; Dryander 3: 402; PR 4670 (ed. 1: 5210).

3629. *Plantas caule bulbifero.* Amplissimi philosophorum ordinis in Academia lipsiensi consensu d. xv. Martii a. o.r. mdccxxxxviiii proponunt M. Georgius Rudolphus Boehmer lignitio silesius medicinae baccalaureus et Christian Gotthilf Kiesling werda misnicus philos. et medic. cult. Lipsiae [Leipzig] (ex officina Langenhemia). s.d. [1749]. Qu. (*Pl. caule bulbif.*).
Co-author: Georg Rudolph Boehmer (1723-1803).
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Kiggelaer, François ("Franciscus") (1648-1722), Dutch botanist, "commies ter secretarye van den Heer van Beaumont." (*Kiggel.*).

HERBARIUM and TYPES: BM-SL, see Dandy (1958).
Ref.: Dandy, J. E., The Sloane herbarium 57-58, 149-150. 1958.

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EPONYMY: *Kiggelaria* [sic] Linnaeus (1753).

Kihlman, Alfred Oswald [after 1906: Kairamo] (1858-1938), Finnish botanist at Helsinki and Hattula (*Kihlm.*).

HERBARIUM and TYPES: H and HSI; Further material B, C, LE, W.

BIBLIOGRAPHY and BIOGAPHY: Barnhart 2: 288; BL 2: 62, 63, 79, 675; BM 2: 978-979; Bossert p. 211; CSP 16: 267; GR p. 609; IH 2: 358; Kew 3: 255; KR p. 343; LS 13871-13873, 35366; Rehder 1: 453; Saelan p. 228-237; Tucker 1: 387.
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HANDWRITING: Ann. bot. fenn. 10: 30, 34, 36, 37. 1973.

3630. *Zur Entwickelungsgeschichte der Ascomyceten* von Oswald Kihlman. Mit zwei Tafeln. (Abdruck aus Acta Soc. Scient. Fenn. T. xiii) Helsingfors (Druckerei der Finnischen Litteratur-Gesellschaft) 1883. Qu. (*Entw.-Gesch. Ascom.*).
Publ.: shortly before or after 19 Mai 1883 (trade issue "neu" Hedwigia Jun 1883), p. [1]-43, *pl. 1-2*. *Copies*: G, NY. – Preprinted from Acta Soc. Sci. Fenn. 14: 309-351. 1885 (*not* from vol. xiii as stated on t.p. preprint).
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Ref.: Kohl, Bot. Centralbl. 15: 65-67. 1883.
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3631. *Die Expedition nach der Halbinsel Kola* im Jahre 1887 . . . Helsingfors (Druckerei der Finnischen Litteratur-Gesellschaft) 1890. Oct. (*Exped. Kola*).
Co-author: Johan Axel Palmén (1845-1919).
Publ.: 1890, p. [1]-28, map. – *Copy*: G. – Reprinted from Fennia 3(5). Also in Wiss. Erg. finn. Exp. Halbinsel Kola 1887-1892 (coll. reprints).

3632. *Bericht einer naturwissenschaftlichen Reise durch russisch Lappland* im Jahre 1889 . . . Helsingfors (Druckerei der finnischen Litteratur-Gesellschaft) 1890. Oct (*Ber. Reise Lappland*).
Publ.: 1890, p. [1]-40. *Copies*: G, H. – Fennia 3(6), 1890.

3633. *Pflanzenbiologische Studiën* aus Russisch Lappland. Ein Beitrag zur Kenntnis der regionalen Gliederung an der polaren Waldgrenze . . . Helsingfors (Weilin & Göös' Buchdruckerei-Actiengesellschaft) 1890. Oct. (*Pfl.-biol. Stud.*)
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Killermann, Sebastian (1870-1956), German clergyman and botanist; Dr. rer. nat. Regensburg 1893; ordin. ib. 1895; curate at Arendsberg 1895-1901; teacher (1901) and professor (1910) at the theological-philosophical college at Regensburg; from 1916-1956 president of the Regensburgische botanische Gesellschaft; specialist on Hymenomycetes. (*Killerm.*)

HERBARIUM and TYPES: M. Three hundred unpublished drawings of fungi and the second set of Bresadola's herbarium, acquired by Killerman, are also at M.
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COMPOSITE WORKS: (1) EP, *Die natürlichen Pflanzenfamilien*, ed. 2, *Hymenomycetae*, 6: [99]-283. 1928 (TL-2/1711).
(2) Editor *Zeitschrift für Pilzkunde* 1930-1948 (ass. editor), 1948-1951 (chief editor).

FESTSCHRIFT: Z. Pilzk. ser. 2. 21(7). Dec 1950 (biogr. by E. Ulbrich on p. 2-5; autobiogr. note p. 9-12).

3634. *Die Blumen des heiligen Landes* botanische Auslese einer Frühlingsfahrt durch Syrien und Palästina . . . Leipzig (J. C. Hinrich'sche Buchhandling) 1916 (printed; 1917 corrected in ink). Oct. (*Bl. heil. Land.*)
Publ.: Mai 1917 (Nat. Nov. Jun(1, 2) 1917), p. [1]-169, [170, cont.], 10 ills. on *5 pl. Copy*: U. – p. 3-44 reprinted from “Das Land der Bibel” ed. G. Hölscher, 1(5): 3-44. 1915; p. [45]-79, reprinted from idem 2: 1-35. 1916, publ. Dec 1915; p. 81-169, from Z. deut. Palästina Vereins 1916: 7-95.

3635. *Pilze aus Bayern.* Kritische Studien, besonders zu M. Britzelmayr; Standortsangaben u. (kurze) Bestimmungstabellen. Hymenomyzeten (in 7 Teilen 1922-1940) mit 40 Tafeln . . . Regensburg (Verlag der Regensburgischen botanischen Gesellschaft). (*Pilze Bayern*).
Publ.: in seven parts in the Denkschriften der botanischen Gesellschaft Regensburg:

1: 1922, vol. 15, p. [iii]-viii, [1]-134, [1], *pl. 1-6*, with text.
2: 1928, vol. 16, p. [vii]-viii, [1]-123, [1], *pl. 7-8*, id.
3: Mar 1930, vol. 17, p. [i-iv], 1-78, *pl. 9-11*, id.
4: Jan 1931, vol. 18, p. [i-ii], 1-127, *pl. 12-17*, id.
5: Oct 1933, vol. 19, p. [i-ii], 1-94, *pl. 18-22*.
6: Jul 1936, vol. 20, p. [i-iv], 1-86, [87], *pl. 23-28*.
7: Oct 1940, vol. 21, p. [1]-110, *pl. 32-40*.

Nachtrag: 1955, vol. 24, p. 77-80.
Preface material: p. [i]-viii, 1940 (p. iv: 1 Nov 1939, p. ii: dates).
Copies: Regensburg (reprints), U (journal).
Ref.: Werdermann, Bot. Jahrb. 58(Lit.): 85. 1923 (no. 1).
Engler, Bot. Jahrb. 60(Lit.): 61. 1926 (no. 2).
Krause, Bot. Jahrb. 63(Lit.): 57. 1930 (no. 3).
Ade, Z. Pilzk. 1922: 76-80, 1923: 41-44, 58-64, 1926: 199-200, 1929: 146-150, 172-173, 177-181, 1930: 13-15, 24-26, 37-42, 1936: 97-101, 1937: 1-3.

Killias, Eduard (1829-1891), Swiss botanist, entomologist and physician in Chur, Le Prese (nr. Puschlaf), and Tarasp-Schuls (Nairs). (*Killias*).

HERBARIUM and TYPES: CHUR; further material B, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 218; Barnhart 2: 289; BL 2: 575, 675; BM 2: 979; CSP 3: 651, 8: 73, 10: 395, 12: 385-386, 16: 271-272; DTS 1: 153; GR p. 632, cat. p. 66; IH 2: 358 (both entries); LS 13876-13878, 35369; Rehder 5: 453; SBC p. 124 ("Kill."); Urban-Berl. p. 304, 363.
Bosshard, Neue Zürcher Zeit. 16 Nov 1891 (no. 320) (fide Lorenz 1892).
Lorenz, Jahresber. naturf. Ges. Graubündens N.F. 35: i-xxxvii. 1892 (portr., bibl.).
Magnus, P., Bot. Ver. Prov. Brandenburg 34: lxvii-lx. 1892; Vossische Zeit. 16 Dec 1891 (fide Lorenz 1892).
Tarnuzzer, Verh. Schweiz. naturf. Ges. 74: 191-195. 1892.

3635a. *Die Flora des Unterengadins* mit besonderer Berücksichtigung der speciellen Standorte und der allgemeinen Vegetationsverhältnisse. Ein Beitrag zur Kenntnis des Unterengadins . . . (Beilage zum xxxi. Jahresb. der Naturf. Gesellsch. Graubündens.) Chur (Buchdruckerei Gebrüder Casanova) 1887-1888. Oct (*Fl. Unterengad.*)
Publ.: Jun-Jul 1888 (Bot. Zeit. 27 Jul 1888; Hedwigia Jul-Aug 1888; Nat. Nov. Aug(1) 1888), p. [i]-lxxv, [1]-266. *Copies*: G, NY. – Jahresber. Naturf. Ges. Graubündens 31, 1888, Beilage. – All taxa except fungi and algae.

Killip, Ellsworth Paine (1890-1968), American botanist at the Smithsonian Institution. (*Killip*).

HERBARIUM and TYPES: US; major dupl. set at NY; for collecting areas and duplicates see IH. Many mosses at FH and NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 289; BJI 2: 89; BL 1: 186, 261, 304; Bossert p. 211; GR p. 227; Hirsch p. 150; Hortus 3: 1197 ("Killip"); IH 2: 358-359; Kew 3: 257; Langman p. 409; Lenley p. 250; NW p. 50; Pennell p. 611; Plesch p. 288; Roon p. 61; Zander ed. 10, p. 677.
Ewan, J. et al., Short hist. bot. U.S. 19. 1969.
Fernández-Perez, A., Caldasia 10: 243-245. 1969.
Killip, E. P., and Smith, Bull. Pan. Am. Union Washington 64: 997-1009. 1930 (on Brazilian trip Oct-Nov 1929).
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 209. 1963.
Prance, G., Acta amaz. 1(1): 42. 1971 (on coll. in Amazonas and Pará).
Rickett, H. W., Index Bull. Torrey bot. Club 55. 1955.
Sayre, G., Mem. New York Bot. Gard. 19(3): 352. 1975.

COMPOSITE WORKS: Pulle, *Fl. Suriname*, *Passifloraceae* 3(1): 306-327. Sep 1937.

EPONYMY: *Killipia* H. A. Gleason (1925); *Killipiella* A. C. Smith (1943); *Killipiodendron* C. E. Kobuski (1942).

3636. *Mimosaceae and Caesalpiniaceae of Columbia* . . . New York (published by the Academy) 1936. Oct. (*Mimos. Caesalp. Columbia*).
Publ.: 1 Apr 1936 (t.p.), p. [i], 101-208, *pl. 1-2*. *Copy*: R. S. Cowan. – Annals of the New York Academy of Sciences 35: 101-208, *pl. 1-2*. 1936. This title is here inserted to compensate for

the nostalgic longing of my co-author for his neotropical "Caesalps." while drudging away at compiling TL-2. [FAS].

3637. *The American species of Passifloraceae* . . . Botanical Series Field Museum of Natural History volume xix . . . 1938. (*Amer. sp. Passiflor.*).
Part 1: 31 Mar 1938, p. 1-331, volume 19(1), publication 407.
Part 2: 20 Apr 1938, p. [333]-613, volume 19(2), publication 408.
Copies: U, US.

3638. *The Andean species of Pilea* . . . Washington (United States Government Printing Office) 1939. Oct. (*Andean sp. Pilea*).
Publ.: 14 Jun 1939, p. [i]-v, 475-530, vii-viii, *pl. 30-40*. *Copies*: U, US. – Contr. U.S. natl. Herb. 26(10). 1939. (Vol. 26 as a whole: Bartram et al., Systematic plant studies: mainly tropical American).

Kimball, James Putnam (1836-1913), American palaeobotanist, consulting geologist in New York City. (*Kimball*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 289; CSP 3: 651; Jackson p. 190; NCAB 11: 91-92; PR 4672.
Clarke, J. M., James Hall of Albany 457. 1923.
Geiser, G. W., Natural. Frontier 277. 1948.

3639. *Flora from the Apalachian coal-field.* Inaugural dissertation for the degree of doctor of philosophy, addressed to the Philosophical Faculty of the University of Göttingen . . . Göttingen (printed at the University Press, by E. A. Huth) 1857. Oct. (*Fl. Apalach.*).
Publ.: 1857 (p. vi: 19 Jun 1857), p. [i]-vi, [7]-28, [1, ind.; 1 expl. pl.], *pl. 1-3* (uncol.). *Copies*: MO, NY, USGS. – Based on collections by Ferdinand Römer, deposited in the "Paleontological cabinet of the Berlin University."

Kindberg, Nils Conrad (1832-1910), Swedish bryologist; Dr. phil. Uppsala 1857; High school teacher at Linköping (1862-1901). (*Kindb.*).

HERBARIUM and TYPES: S; other material at A, B, BP, CANM, E, G, GB, H, K, MANCH.
Ref.: Arnell, H. W., Rev. bryol. 38: 24. 1911, 40: 80. 1913; Bot. Not. 1911: 28, 1913: 198. Grout, A. J., Bryologist 35(4-6): 71-72. 1932.

NOTE: For a list of *New combinations and new taxa of mosses proposed by Nils Conrad Kindberg* see W. C. Steere and H. A. Crum, Mem. New York Bot. Gard. 28(2): 1-220. 7 Dec 1977 (contains also an annotated bibliography).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 290; BL 2: 675 (index); BM 2: 980;Bossert p. 211; CSP 3: 654, 8: 74-75, 10: 397, 16: 275-276; IH 2: 359-360; Jackson p. 495, 566 (index); Kew 3: 258; Kleppa p. 326; KR p. 343-349; Lenley p. 251; MW p. 232; NAF ser. 2. 3: 37-38, ser. 2. 9: 124; PR 4673-4676; Rehder 5: 453; Saccardo 1: 92; SBC p. 124 ("Kindb."); SO 861, add. 861, 864; Tucker 1: 387; Urban-Berl. p. 304.
Anon., Bot. Not. 1858: 134, 1910: 176; Bryologist 14(1): 13. 1911; Generalregister Bot. Not. 1839-1938: 40, 102. 1939; Rev. bryol. 38: 24. 1911.
Arnell, H. W., Bot. Not. 1912: 119-127 (portr., bibl.).
Ewan, J. et al., Short hist. bot. U.S. 96. 1969.
Merrill, E. D., Contr. natl. Herb. 30(1): 174. 1947.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 906. 1963.
Rydberg, P. A. Augustana Coll. Libr. Publ. 5: 38-39. 1907.
Steere, W. C., Bot. Rev. 43: 287. 1977 (criticism).
Vestergren, Sv. bot. Tidskr. 4: (171). 1910.
Wittrock, V. B., Acta Horti Berg. 3(2): 45. 1903, 3(3): 19, *pl. 108*. 1905.

3640. *Synoptisk framställning af Växtslägtet Lepigonum.* Akademisk afhandling, som med vidt-

ber. Filos. Fakultetens samtycke för filosofiska gradens erhållande kommer att offentligen försvaras af Nils Conrad Kindberg, . . . å Gustavianska mindre Lärosalen den 2 September 1856 p.v.t.f.m. Upsala (C. A. Leffler) 1856 (*Syn. framst. Lepigonum*).
Publ.: 2 Sep 1856, p. [i-iv], [1]-16. *Copies*: L, MICH, MO, NY, USDA. – For trade issue see next entry. For monograph (1863), see nr. 3644.
Ref.: Kindberg, N. C., Bot. Not. 1857: 41-46 (review of Swedish species), 84-85 (*L. neglectum*), 1858: 9-10 (*L. laxiflorum*); Phytologist 4: 193-197. 1866.

3641. *Symbolae ad synopsin generis Lepigonorum.* Dissertatio academica, quam venia ampl. facult. philosoph. pro gradu philosophico publico examini submittit Nic. Conrad Kindberg. Upsaliae (Typis impr. C. A. Leffler) 1856. Oct. (*Symb. syn. gen. Lepigon.*).
Publ.: on or after 2 Sep 1856, p. [i], [1]-16. *Copy*: G. – Trade-edition of the *Synoptisk framställning.*
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 15: 724-725. 16 Oct 1857.
Anon., Bull. Soc. bot. France 4: 968-969. 1858.

3642. *Östgöta flora* (Fanerogamerna) utgifven af N. C. Kindberg, Lektor. Linköping (P. M. Sahlströms Förlag) s.d. [1861]. Duod. (in sixes). (*Östgöta fl.*).
Ed. [*1*]: 1861 (p. [iv*]: Mai 1861), p. [i*-iv*], [i]-vii, [1]-406. *Copy*: NY. – *Addenda*: Bot. Not. 1863: 116-119.
Ed. 2: 1874, p. [i*-ii*], [i]-xlviii, [1]-272. *Copy*: GB (inf.: B. Peterson). – "*Östgöta flora.* Beskrifning öfver Östergötlands fanerogamer och ormbunkar . . . andra omarbetade upplagen." Linköping (id.) (p. [ii*]: Linköping 1874, M. W. Wallberg & Comp. Boktryckeri).
Ed. 3: 1880 (Nat. Nov. Dec(1) 1880; Bot. Zeit. 28 Jan 1881), p. [i-ii], [1]-327. *Copy*: GB (inf. B. Peterson). – "Tredje upplagen." Linköping (P. M. Sahlströms Bokhandel. Hasse W. Tullberg.) (p. [ii]: Norrköping 1880, M. W. Wallberg & Comp. Boktryckeri.) – *Addenda*: Bot. Not. 1892: 178-183.
Ed. 4: 1901, p. [i], [1]-326. *Copies*: G, NY, USDA. – "*Östgöta flora.* Beskrifning öfver Östergötlands fanerogamer och Ormbunkar . . . Fjärde Upplagan." Stockholm (Adolf Johnsons Förlag) s.d. Oct. – For additional publ. on the flora of Östergötland see BL.

3643. *Dispositio plantarum synantherearum*, quae extra Scandinaviam occurrunt et in herbario Scholae Lincopensis asservantur, auctore N. Conr. Kindberg [Linköping, C. F. Ridderstad; 1862]. Oct. (*Disp. pl. synanth.*).
Publ.: Mai or early Jun 1862, p. [1]-6, *in* J. H. W. Steinnordh, Redogörelse för Linköpings högre och stiftets lägre elementar-läroverk under läse-året 1861-62, jemte inbjudning att bevista de offentliga examina, som vid förstnämnda Läroverk anställas den 5-6 Jun 1862. Copy of publication in program: GB (inf. B. Peterson), p. [i-ii], [1]-65, appendix [= *Dispositio*:] [1]-6. – Also issued separately (n.v., fide KR), Linköping (C. F. Ridderstad) 1862, Oct., 6 p. – List of species with few notes.

3644. *Monographia generis Lepigonorum.* Auctore N. C. Kindberg. Upsaliae [Uppsala] (C. A. Leffler) 1863. Qu. (*Monogr. gen. Lepigon.*)
Publ.: 1863 p. [1]-44, [1-4], *pl. 1-3* (uncol. liths.). *Copies*: MO, NY. – Ups. Soc. Sci., Nova Acta ser. 3, 4(7), 1863.
Ref.: Leffler, J. A., Bot. Not. 1865: 89-98 (criticism), 177-181.
Kindberg, N. C., Bot. Not. 1865: 129-131 (id.).

3645. *Svensk flora.* Beskrifning öfver Sveriges fanerogamer och ormbunkar . . . Linköping (P. M. Sahlströms Bokhandel. (Hasse W. Tullberg.)) s.d. [1877]. Oct. (*Svensk fl.*).
Publ.: 1877 (p. iii: Mar 1877), p. [i-iii], [1]-402, [1-2, cont., err.]. *Copies*: GB, MO, NY, USDA. – (on p. [ii]: Norrköping 1877. M. W. Wallberg & Comp. Boktryckeri.)

3646. *Die Familien und Gattungen der Laubmoose* (Bryineae) *Schwedens und Norwegens* hauptsächlich nach dem Lindbergschen Systeme übersichtlich beschrieben . . . Stockholm (Kongl. Boktryckeriet. P. A. Norstedt & Söner) 1882. Oct. (*Fam. Gatt. Laubm. Schwed. Norw.*).
Publ.: Mar-Aug 1882 (submitted 8 Feb 1882; Nat. Nov. Sep 1882; Bot. Zeit. 27 Oct 1882; Bot. Zeit. 25 Mai 1882, Bot. Centralbl. Oct 1882), p. [1]-25. *Copies*: B, NY, U. – Bih. k. Sv. Vet.-Akad. Handl. 6(19). 1882.

3647. *Die Arten der Laubmoose* (Bryineae) *Schwedens und Norwegens* . . . Stockholm (Kongl. Boktryckeriet. P. A. Norstedt & Söner) 1883. Oct. (*Art. Laubm. Schwed. Norw.*).
Publ.: Jan-Jun 1883 (submitted 13 Sep 1882; Bot. Centralbl. Jul 1883; Nat. Nov. Aug 1883; Bot. Zeit. Sep 1883), p. [1]-167. *Copies*: G, U, USDA. – Bihang k. Sv. Vet.-Akad. Handl. 7(9). 1883.

3648. *Révision critique des Bryinées pleurocarpes* [Cherbourg 1882.] Oct. (*Rév. Bryin. pleuroc.*).
Publ.: 1882 (1884 on cover of journal; 1882 on t.p. journal), p. [1]-14. *Copies*: G, NY. – Reprinted from Mém. Soc. natl. Sci. nat. Cherbourg 24: 321-334. 1882. Reprint not dated.

3649. *Enumeratio Bryinearum exoticarum* Quam alphabetice disposuit N. Conr. Kindberg. Linkoeping (Officina Corresp. Ostrogoth) 1888. Oct. (in fours). (*Enum. Bryin. exot.*)
Main paper: Jan-Aug 1888 (Rev. bryol. Aug 1888 (announced); Nat. Nov. Sep(1, 2) 1888), p. [1]-83. *Copies*: G, GRON, NY, Steere. – Number of copies printed: 100.
Suppl. 1: s.d., p. [85]-96. *Copies*: GRON, NY, Steere.
Suppl. 2: Jan-Aug 1893 (Nat. Nov. Sep(1) 1893), p. [97]-108. *Copies*: GRON, NY, Steere.

3650. *Enumeratio Bryinearum Dovrensium* . . . Christiania [Oslo] (I Commission hos Jacob Dybwad, A. W. Brøggers Bogtrykkeri) 1888. Oct. (*Enum. Bryin. Dovr.*)
Publ.: Jun 1888 (p. 4: 26 Sep 1887; p. 39; tryckt 29 Mai 1888; Nat. Nov. Jul(2) 1888; Rev. bryol. Aug 1888), p. [1]-39. *Copies*: G, NY. – Forhandlinger Christiania Videnskabs-Selskabet 1888(6). *Addenda*: ib. 1889(11), p. [1]-25, (printed 30 Sep 1889) by Chr. Kaurin, see 3552 and also Bot. Not. 1889: 30-31.
Note: Dovreell is the spur of the Scandinavian Mountains (Snøhetta, highest peak), separating N. and S. Norway.

3651. *Genera of European and Northamerican Bryineae* (mosses) synoptically disposed by N. C. Kindberg. s.l.n.d. [Göteborg 1897]. (*Gen. Eur. N.-Amer. Bryin.*).
Publ.: 1897 (p. 4: 12 Oct 1896; journal publ. 1897), p. [1]-40. *Copies*: G, MO. – Göteborg Vet. Vitt. Handl. 32: 1-40. 1897.

3652. *European and N. American Bryineae* (Mosses) described by N. C. Kindberg. Part 1 [-2] . . . Linkoeping, Sweden (P. M. Sahlstroems Bookselling (C. V. Zickerman)). 1897-1898, 2 parts. Oct. (*Eur. N. Amer. Bryin.*)

Part 1: 1897 (cover; Nat. Nov. Jan(2) 1898), p. [1]-152. – T.p. on cover: as above; formal t.p.: "Species of European . . . synoptically described . . ." but cover dated 1897, t.p. 1896.
Part 2: 1898 (Nat. Nov. Dec(2) 1898), p. [i, iii], 153-410. – T.p. on cover and formal t.p. as in heading; but also in addition a t.p. "Species of European . . . synoptically described . . ."
Copies: G, MO, NY, U, USDA; IDC 5454.
Ref.: A.G., J. Bot. 36: 37-38. Jan 1898 (part 1).
Bauer, Bot. Centralbl. 75: 14-15 Jul 1898.
Kindberg, N. C., Ottawa Natural. 14: 77-88. 1900 (additions).

3653. *Skandinavisk Bladmossflora* i kort öfversigt framställd . . . Stockholm (C. E. Fritzes k. Hofbokhandel) s.d. [1903]. Oct. (*Skand. Bladmossfl.*).
Publ.: Feb-Mar 1903 (p. [iv]: printing finished Jan 1903; Nat. Nov. Mar(2) 1903; Bot. Zeit. 16 Mai 1903), p. [i-iv], [1]-200. *Copies*: FH, G, MO, Steere.

Kindt, Christian Sommer (1816-1903), Norwegian botanist and physician at Trondhjem. (*Kindt*).

HERBARIUM and TYPES: TRM; also BG, LD, UPS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 290; CSP 10: 397, 16: 276; GR p. 713, [*pl. 36*], cat. p. 66; IH 2: 360; Kleppa p. 326; LS 35373.
Holmboe, J., Norsk biogr. leks. 7: 330-331. 1936.
Wittrock, V. B., Acta Horti Berg. 3(3): 184, *pl. 116*. 1905 (portr.).

King, [Sir] **George** (1840-1909), British botanist; MB Aberdeen 1865; superintendent of the Calcutta Botanic Gardens and of the Cinchona cultivation in Bengal 1871-1898; director Botanical Survey of India 1891-1898. (*King*).

HERBARIUM and TYPES: Main sets at CAL and K; much other material collected by him and by "King's collector" (H. H. Kunstler et al.) in various herbaria; see IH.
Ref.: IH 2: 360; SK 1: 281-282 (itin., coll. D.E.I., portr.).
Hedge, I. C., J. Proc. Asiat. Soc. Bengal n.s. 27: 327-334. 1933 (collectors).
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BIBLIOGRAPHY and BIOGRAPHY: Backer p. 302; Barnhart 2: 291; BB p. 173; BM 2: 980-981; Bossert p. 211; Bret. p. 682; CSP 8: 75, 10: 398, 16: 277; Desmond p. 359; GF p. 83; Hortus 3: 1197 ("King"); Jackson p. 386, 387; Kew 3: 259-260; Lasègue p. 275, 282, 573 [index]; MW p. 232-233; NI 1046-1052, 1840-1909; Rehder 5: 454; Tucker 1: 388, 776; Zander ed. 10, p. 678.
Anon., Ber. deut. bot. Ges. 27: (144). 1910; Bot. Not. 1909: 146; Bull. Acad. int. Géogr. bot. 10(135): frontisp. portr. 1901 (Director Academy for 1901); Bull. misc. Inf. Kew 1898: 54-55, 1909: 68-72, 193-197 (bibl.); Gard. Chron. 1901: 293 (portr.). 1909: 138 (portr.). Trans. Proc. bot. Soc. Edinburgh 24(2): 46-48, 24(3): 101-103. 1911 (obituary notice by Robert Pantling; name consistently spelled "Panthing").
Britten, J., J. Bot. 47: 120-122. 1909 (portr.).
Burkill, I. H., Chapt. hist. bot. India 241 [index]. 1965.
Huxley, L., Life letters J. D. Hooker 2: 552 [index]. 1918.
Nelmes & Cuthbertson, Curtis's Bot. Mag. Dedic. 1827-1927: 206. 1932 (portr.).
O.S., Proc. Linn. Soc. London 121: 42-45. 1909.
Prain ["D.P."], Proc. R. Soc. London B 81: xi-xxviii. 1909.
Wittrock, V. B., Acta Horti Berg. 3(2): 158. 1903.

COMPOSITE WORKS: Founder and first editor of the *Annals of the royal botanic Gardens*, Calcutta, 1-8. 1887-1898.

EPONYMY: *Indokingia* W. B. Hemsley (1906); *Kingella* Van Tieghem (1895); *Kingiella* Rolfe (1917); *Kinginda* O. Kuntze (1891); *Kingiodendron* Harms (1897). *Note*: *Kingiacolpites* R. S. Tiwari & A. A. Moíz (1971) is dedicated to W. King (1809-1886), Irish geologist and paleontologist; *Kingiobryum* H. E. Robinson (1967), and *Kingiolejeunea* H. E. Robinson (1967) commemorate Robert Merrill King (1930-x), American botanist.

3654. *The species of Ficus* of the Indo-Malayan and Chinese countries . . . Calcutta (Printed at the Bengal Secretariat Press) London (L. Reeve & Co., . . .) 1887-1888. Fol. (*Sp. Ficus*).

Part 1: Jan-Mai 1887 (Nat. Nov. Jun 1887; Bot. Zeit. 17 Jun 1887; J. Bot. Jul 1887; Bot. Zeit. 24 Jun 1887), p. [i*], [i]-xiii, {1}-66, *pl. 1-2, 2a, 2b, 3-30, 30a, 31-43, 43a, 44-58, 58a, 59-86* (uncol. liths. of drawings by Gopal Chunder Das; some by Abdul Mullah, Aghore Pat-Singh and M. Smith).
Part 2: Jan-Aug 1888 (Nat. Nov. Sep 1888; J. Bot. Dec 1888; Bot. Zeit. 30 Nov 1888), frontisp., p. [i-ix], [67]-185, [i]-vi, *pl. 87-95, 95a, 96-225* (id.).
Appendix: Mai-Dec 1889 (registered 27 Apr 1889; Bot. Zeit. 25 Jul 1890), p. 1-51, [1], *pl. 1-5*, text by G. King (1-11) and D. D. Cunningham (13-51).
Copies: NY, U, USDA.
Facsimile ed.: Lehre (J. Cramer) 1969, ISBN 3-7682-0609-2. *Copy*: FAS.

3655. *Materials for a flora of the Malay Peninsula* . . . Calcutta (printed at the Baptist mission Press) 1889-1936, 26 parts. Oct. (*Mat. fl. Malay Penins.*).
Publ.: A set of reprints from the Journal of the Asiatic Society of Bengal with continuous reprint pagination and with original page numbers, see table below. The 26 parts constitute 5 volumes but no separate volume designations are given in the reprints. All volume refs. are to the Journal.
Authors of treatments: George King, nos. 1-21 (in part posthumously).
James Sykes Gamble (1847-1925), co-author nos. 14-21, sole author nos. 22-25.
Andrew Thomas Gage (1871-1945), no. 26.

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13	[i], 573-608	71(2, no. 1): [45]-80,	
		ind. [5]-28	1902 Nat. Nov. Jul(1) 1903
14	[i], 1-119	72(2, no. 4): [111]-279	1904
15	[i], 121-209	73(2, no. 3): [47]-135	Apr-Sep 1904
16	[i], 211-301	74(2, extra): [1]-91	1905
17	[i], 303-483	74(2, extra): [93]-273	1905
18	[i], 485-596	74(2, extra): [277]-386	1905 Nat. Nov. Feb(1) 1906
19	[i], 597-835	74(2, extra): [387]-625	1907 Nat. Nov. Nov(2) 1907
20	[i], 837-938	74(2, extra): [627]-728	1907 Nat. Nov. Jan(1) 1908
21	[i], 939-1126	74(2, extra): [729]-916	1909 Nat. Nov. Mar(2) 1909
22	[1], [1]-204	75(1): [1]-204	1912 Nat. Nov. Sep(2) 1912
23	[205]-278	75(2): [205]-278	1912 Nat. Nov. Feb(2) 1913
24	[279]-391	75(3): [279]-391	1914
25	[393]-468	75(4): [393]-468	1915
26	[i], [469]-544	75(5): [469]-544	Sep 1936

3656. *The Magnoliaceae of British India* . . . Calcutta (Printed at the Bengal Secretariat Press) 1891. Fol. (*Magnol. Brit. India*).
Publ.: 1891, in Ann. R. Bot. Gard. Calcutta 3: [i], [197]-223, [225, ind.], *pl. 38-47, 47bis, 47ter, 48-57, 57bis, 58-74. Copy*: USDA. – The (uncoloured) lithographs are of drawings by G. C. Das, Kally Podo Das, A. D. Mulla and A. L. Singh (fide NI).

3657. *The species of Myristica of British India* . . . Calcutta (Printed at the Bengal Secretariat Press) 1891. Fol. (*Sp. Myristica Brit. India*).
Publ.: 1891, in: Ann. R. Bot. Gard. Calcutta 3: [i-iii], [275]-331, i-ii, 1891 with plates *106-174, 107bis, 124bis, 124ter, 125bis, 141bis*. The plates are lithographs of drawings by a number of local artists (see NI 1050). *Copies*: NY, U, USDA.

3658. *The Anonaceae of British India* . . . Calcutta (Printed at the Bengal Secretariat Press), London (Sold by B. Quaritch, . . .) 1893. Fol. (*Anonac. Brit. India*).
Publ.: 1893 (p. v: 26 Mai 1893), p. [i*-ii*], portr. Kyd, [iii*-v*], [i]-xi, [1]-169, index i-iv, [part 2:] *pl. 1-20, 20bis, 21-116, 116bis, 116ter, 117-169, 169bis, 170-208, 208bis, 209-220* (uncol. liths. by local artists, see NI). *Copies*: NY, U, USDA. – Ann. R. Bot. Gard. Calcutta, vol. 4. Nat. Nov. Dec (1) 1894 mentions 3 parts, issued simultaneously.

3659. *A century of new and rare Indian plants*. Calcutta (Printed at the Bengal Secretariat Press), London (B. Quaritch et al.) 1896. Fol. (*Cent. Ind. pl.*).
Co-author: Paul Bruhl.
Publ.: Ann. Roy. Bot. Gard. Calcutta 5: [69]-170, *pl. 102-200*. 1896. *Copy*: MO.

3660. Annals of the Royal botanic Garden, Calcutta. Vol. viii. *The Orchids of the Sikkim-Himalaya* ... Calcutta (printed at the Bengal Secretariat Press.) London (Sold by B. Quaritch, ...) 1898. Fol. (*Orch. Sikkim-Himalaya*).

Co-author and artist: Robert Pantling (1857-1910).
General t.p.: 1898, [i].
Part 1: 1898 (p. iii: 28 Feb 1898, Nat. Nov. Sep(2) 1898; J. Bot. Dec 1898) Letterpress, p. [i*-vii*], [i]-iii, [i]-iv, [1]-342.
Part 2: 1898, plates of Malaxideae, p. [i], [1]-2, *pl. 1-133*.
Part 3: 1898, plates of Epidendreae and Vandae, p. [i], [1]-2, *pl. 134-333, 244a*.
Part 4: 1898, plates of Listereae ..., p. [i], [1]-2, *pl. 334-448, 402bis, 406bis, 430bis, 444bis*.
Copies: G, NY(2), U, US.
Plates: all by Robert Pantling; see IH 1051 for lithographers.
Facsimile ed.: Lehre (J. Cramer) 1967, ISBN 3-7682-0466-9, text identical with orig.; plates on two sides; *pl. 2* lacking, a second print of *pl. 21* instead. *Copies*: FAS, USDA.
Ref.: Stafleu, F. A., Taxon 17: 293-295. 1968; Holttum, E., ib. 17: 566-567. 1968.

Kingdon-Ward, Francis (Frank) (1885-1958), British plant collector in China, Burma, Tibet and Thailand (1909-1956), introduced e.g. *Meconopsis betonicifolia* into cultivation; prolific author on "plant hunting." (*Kingdon-Ward*).

HERBARIUM and TYPES: BM.

BIBLIOGRAPHY and BIBLIOGRAPHY: Bossert p. 212; Desmond p. 360 (provides numerous biogr. references); DNB 1951-1960: 620-621; Kew: 3: 261-363; Lenley p. 251; MW suppl. p. 391-392; Plesch p. 288; SK 1: 561.
Anderson, Garden J. 25(2): 40. 1975.
Coats, A. M., Quest for plants 128-131. 1969.
Chatterjee and Mukerjee, Sci. and Cult. 24: 131. 1958.
Cox, E. H. M., Plant hunting in China 180-191. 1945.
Fletcher, H. R., R. Bot. Gard. Edinburgh 245. 1970.
Schweinfurth and Schweinfurth-Marby, Exploration in the Eastern Himalayas ... Francis (Frank) Kingdon-Ward (1885-1958): an annotated bibliography ... Wiesbaden. F. Steiner, 1975, x, 114 p. (maps, portr., bibl.).
Stearn, W. T., Biographical introduction. A list of publications, *in* F. Kingdon-Ward, Pilgrimage for Plants 11-18, 181-186. 1960.

TRAVELOGUES: K. published a series of travel books, listed e.g. by Desmond, from 1913 (*Land of Blue Poppy* 1913) until 1960 (*Pilgrimage for plants*, posthumous, with a biographical and bibliographical introduction by W. T. Stearn); see also Schweinfurth and Schweinfurth-Marby (1975).

EPONYMY: *Kingdon-wardia* Marquand (1929). *Note*: *Kingdonia* I. B. Balfour & W. W. Smith (1914) commemorates his mother, Mrs. Marshall Ward, about whom we have no further details.

3661. *Field notes of Rhododendrons collected by Kingdon-Ward in 1926*. s.l.n.d. Oct. (*Field notes Rhododendr.*).
Publ.: Kingdon-Ward published a number of *Field notes* booklets, with no imprints, giving details on his collections.
1926: Field notes of Rhododendrons ... p. [7]-81.
1926: Field notes of trees, shrubs and plants other than rhododendrons ... in 1926, p. [7]-46.
1927/28-1937: Field notes of Rhododendrons and other plants ... in 1927/28 (p. [1]-33, 1-34), in 1931 ([1]-49, 1-49), in 1933 (p. [1]-23, 1-43), in 1935 ([i], 1-35), in 1937 ([1]-35). Set at NY (probably incomplete).

Kinney, Abbot (1850-1920), American popular writer on botany (*Kinney*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 292; Hortus 3: 1197 ("Kinney"); Kew 3: 264; Langman p. 410; Tucker 1: 388.
Rodgers, A. D., Bernard Eduard Fernow 95, 131, 151, 153, 217. 1951.

EPONYMY: The etymology of *Kinneyia* Walcott (1914) could not be established.

3662. *Eucalyptus* . . . Los Angeles, Cal. (B. R. Baumgardt & Co.) 1895. Oct. (*Eucalyptus*).
Publ.: 1895, frontisp., [3]-298, [i]-vi, *16 pl. Copy*: US.

Kirby, Mary (1860: Mrs. H. Gregg) (1817-1893), British botanist at Leicester. (*Kirby*).

HERBARIUM and TYPES: The herbarium of Mary's sister Elizabeth Kirby (1823-1873) is at LEI. The two sisters collaborated narrowly.
Ref.: Kent, D. H., Brit. herbaria 63, 1957.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 293; BB p. 174-175; BM 2: 983; CSP 3: 658; Desmond p. 361; DNB 31: 198; IH 2: 362; Jackson p. 44, 207, 255; Kew 3: 265; PR 4677; Rehder 5: 454; SO add. 850d; Tucker 1: 388.
Horwood, A. R., and C. W. F. Noel, Fl. Leicestershire and Rutland ccxii-ccxiii. 1933 (also on Elizabeth Kirby).
Kirby, M., Leaflets from my life, 1887 (fide BB).

EPONYMY: *Kirbyella* C. Zeliff (1930) and *Kirbynia* Grassé & A. C. Hollande (1950) are dedicated to Harold Kirby, American protistologist.

3663. *A flora of Leicestershire*; comprising the flowering plants, and the ferns indigenous to the county, arranged on the natural system; by Mary Kirby. With notes by her sister . . . London (Hamilton, Adams, and Co.), Leicester (J. S. Crossley) 1850. Duod. (in sixes). (*Fl. Leicestershire*).
Co-author: Elizabeth Kirby (1823-1873) (see DNB 31: 198, Desmond p. 361).
Publ.: 1850 (p. ix: 4 Mai 1850), p. [i]-[xii], [1]-183. *Copies*: G, HH, NY Preceded by Kirby, M., *The Flora of Leicestershire* 1848 (n.v.).
Ref.: Kirby, M., Phytologist 3: 179-180. 1848.

Kirchner, [Emil Otto] Oskar (1851-1925), German botanist and flower-biologist; Dr. phil. Breslau 1874; from 1873-1877 at Breslau; from 1877-1917 assistant, from 1881 professor of botany at the Landwirtschaftliche Akademie, Hohenheim; from 1917-1925 living at München. (*Kirchn.*)

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 563; BM 2: 985; CSP 10: 402, 12: 386, 16: 288; De Toni 1: lxix, 2: lxix-lxx, 4: xxxii; DTS 1: 153-154, 2: xxii, 6(4): 70, 160-161; Frank 3(Anh.): 50; Jackson p. 22, 310; Kew 3: 266; LS 13899-13921, suppl. 13943-13956; Moebius p. 431; NAF 11(1): 90; NI 1053; Nordstedt p. 19, suppl. 9; Plesch p. 288; Rehder 5: 454; Stevenson p. 1247; Tucker 1: 389.
Behrens, Ber. deut. bot. Ges. 43: (2), (47)-(59). 1926 (portr., bibl.).
Bergdolt, E., Karl von Goebel ed. 2. 137, 182. 1941.
Kirchner, E. O. O., Blumen und Insekten, ihre Anpassungen an einander und ihre gegenseitige Abhängigkeit. Leipzig, Berlin 1911, 436 p. (K's main summing-up of his flower-biological work).
Lehmann, E., Schwäbische Apotheker 63, 64, 95, 96, 201. 1951.
Pax, F., Schlesiens Pflanzenwelt 20. 1915.
Tubeuf, Z. Pflanzenkrankh. 35(5/6): 193-205. 1925 (portr., main bibl. of 192 nos.).
Wittrock, V. B., Acta Horti Berg. 3(2): 132, *pl. 30*. 1903 (portr.), 3(3): 138. 1905.

COMPOSITE WORKS: (1) Cohn, *Krypt.-Fl. Schlesien, Algen*, 2(1): [i]-[vii], [1]-284. Sep-Oct 1878, see no. 1159.
(2) EP, *Die natürlichen Pflanzenfamilien, Schizophyceae*, I, 1A: 45-92, publ.: Aug 1898 (TL-2/1710).

(3) Started the *Lebensgeschichte der Blütenpflanzen Mitteleuropas*, with E. Loew and C. Schröter, later continued by W. Wangerin and C. Schröter, ultimately by Th. Schmucker, 1904-1942 (64 Lieferungen). Remained unfinished. See under Schröter. Lieferung 1 (p. 1-96, 97 figs., Stuttgart) came out Jan-Apr 1904 (rev. by Engler, Bot. Jahrb. 34(Lit.): 21. 1904). Kirchner co-authored parts 1-25, 1904-1925.
(4) With C. Schröter, *Die Vegetation des Bodensees*, 2 vols. 1896, 1902. See under Schröter.

EPONYMY: *Kirchneriella* W. Schmidle (1893); *Kirchneriellopsis* H. Kufferath (1954); *Kirchneriellosaccus* A. K. M. N. Islam (1969).

3664. *Die mikroskopische Pflanzenwelt des Süsswassers* . . . Braunschweig (Verlag von Gebrüder Haering) 1885. Qu. (*Mikrosk. Pfl.-Welt Süsswass.*).

Ed. 1: Dec 1884 (p. x: 27 Nov 1884; Bot. Zeit. 26 Dec 1884; Nat. Nov. Jan(2) 1885; J. Bot. Feb 1885 (as of "1885(1884)")), p. [i]-x, [1]-56, *pl. 1-4*. *Copy*: NY.
Ed. 2: Apr 1891 (p. vi: 19 Feb 1891; cover p. 2: 2 Apr 1891; Nat. Nov. Mai(2) 1891), p. [i]-xii, [1]-60, *pl. 1-5* with text. *Copies*: G, NY, U. – ". . . gänzlich umgearbeitete und vermehrte Auflage . . ." Hamburg (Lucas Gräfe & Sillem).

3665. *Flora von Stuttgart* und Umgebung (Ludwigsburg, Waiblingen, Esslingen, Nürtingen, Leonberg, ein Teil des Schönbuches etc.) mit besonderer Berücksichtigung der pflanzenbiologische Verhältnisse . . . Stuttgart (Verlag von Eugen Ulmer) 1888. Oct. (*Fl. Stuttgart*).
Publ.: Jun-Jul 1888 (p. vi: 29 Mai 1888; Nat. Nov. Jul(2) 1888, Bot. Zeit. 27 Jul 1888), p. [i]-xiv, [1]-767. *Copies*: B, BR, HBG, L, M, NY.
Ref.: Jost, Bot. Zeit. 47: 12-14. 1889 (rev.).

3666. *Florula phycologica benacensis* . . . Rovereto (Tipografia Roveretana – Ditta V. Sottochiesa) 1899. Qu. (*Fl. phycol. benac.*).
Publ.: Jan-Sep 1899 (Flora rd. 14 Oct 1899; Nat. Nov. Nov(1) 1899), p. [1]-36, *1 pl.* (uncol.). *Copies*: FH, NY. – xxxvi Pubblicazione fatta per cura del Civico Museo di Rovereto.

3667. *Exkursionsflora für Württemberg und Hohenzollern*. Anleitung zum Bestimmen der einheimischen höheren Pflanzen nebst Angabe ihrer Verbreitung . . . Stuttgart (Verlag von Eugen Ulmer) 1900. Oct. (*Exkurs.- Fl. Württemberg*).
Co-author: Julius Eichler, curator of the Stuttgart "Naturalien-Kabinett".

Ed. [1]: Apr-Mai 1900 (p. x: 21 Mar 1900; Bot. Zeit. 16 Jun 1900; Nat. Nov. Jun(1) 1900), p. [i]-xxx, [1]-440. *Copies*: B, HBG.
Ed. 2: Jun 1913 (p. ix: Pfingsten [Whitsun] 1913; Nat. Nov. Jun(2) 1913), p. [i]-xxxi, [1]-479. *Copies*: B, G. – "Zweite umgearbeitete Auflage." Stuttgart (id.) Oct.
Ref.: Gradmann, Bot. Zeit. 58(2): 222-224. 1900 (rev.).

3668. *Führer durch den botanischen Garten der* kgl. landwirtschaftl. *Akademie Hohenheim* . . . Stuttgart (Verlagsbuchhandlung Eugen Ulmer . . .) 1901. (*Führer bot. Gart. Hohenheim*).
Publ.: Mai-Jun 1901 (Nat. Nov. Jun(2) 1901), p. [1]-35, map. *Copy*: G.

Kirillow, Peter (*fl.* 1849), Russian botanist and physician at Charkow. (*Kirillow*).

HERBARIUM and TYPES: MW.
Ref.: Lindemann, Bull. Soc. Natural. Moscou 59(1): 311. 1884.

BIBLIOGRAPHY and BIOGRAPHY: AG 2: 454, 6: 696; Barnhart 2: 194; BM 2: 985; Bret. 346; Lipschitz 4: 161; MW p. 233; PR 4687; Rehder 5: 455; Tucker 1: 389; Zander ed. 10, p. 678. Bourdeille, Bull. Soc. Imp. Natural. Moscou ser. 2. 6: 369. 1893.

3669. *Die Loniceren des russischen Reiches* geschichtlich und kritisch behandelt. Eine Abhandlung zur Erlangung der Würde eines Magisters der Philosophie verfasst und mit Genehmigung einer hochverordneten philosophischen Fakultät der kaiserlichen Universität zu Dorpat öffentlich verteidigt von Peter Kirillow, . . . Dorpat (Druck von H. Laakmann) 1849. Oct. (*Lonic. russ. Reich.*).

Publ.: Jun-Dec 1849 (p. 2: imprimatur 14 Mai 1849; Bot. Zeit. 18 Jan 1850) p. [1]-72. *Copies*: B, G, MO, NY.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 8: 48-49. 18 Jan 1850 ("der Verf. . . . nicht zu verwechseln mit Johannes Kirilow.").

Kirilow, Iwan Petrovič ("Johann"), (1821-1842), Russian botanist. (*Kir.*).

HERBARIUM and TYPES: MW, LE, OXF; for further material, collected with G. S. Karelin, see IH.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 454; 6(2): 696; Barnhart 2: 294; BM 2: 985; Clokie p. 193; CSP 3: 662; Hortus 3: 1197 ("Kir."); IH 2: 342, 362. Lasègue p. 314, 339, 420, 503; Lipschitz 4: 162, MW p. 233; PR (alph.); TR 640-642.
Anon., Bot. Not. 1843: 80; Flora 26: [135]. 1843.
Asmous, J. Arnold Arb. 24(1): 107-117. 1943 (on Karelin and Kirilow with bibl. and biogr. refs.).
Botschantsev, Novosti Sist. Vyssh. Rast. 13: 248-250. 1976 (priority of Karelin-Kirilow names).
Lindeman, Bull. Soc. Natural. Moscou 60(2): 311. 1884.
Lipsky, Trudy Tiflissk. bot. Sad. 7(3): 789-793. 1905 (fide Asmous, 1943).

COMPOSITE WORKS: With G. S. Karelin, q.v., *Enumeratio plantarum in desertis Songoriae orientalis* (1842) (TL-2/3515).

EPONYMY: *Kirilowia* Bunge (1843).

Kirk, [Sir] **John** (1832-1922), Scottish colonial administrator, explorer and botanist; mainly active in eastern Africa; M. D. Edinburgh 1854; physician and naturalist on Livingstone's second Zambesi expedition (1858-1863); in Zanzibar 1866-1881, 1883-1887; thence onward in England. (*J. Kirk*).

HERBARIUM and TYPES: K; for duplicates see IH. The plants collected by him on the Livingstone Expedition, are also at K. First set of plants from Turkey at E.
Ref.: Exell, A. W., Fl. zambesiaca 1: 35-37. 1960 (itin. Afr.).
Hedge, I. C. and J. M. Lamond, Ind. coll. Edinburgh 98. 1970.
Hepper, F. N. and F. Neate, Plant coll. West Africa 45. 1971.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 456-457; Backer p. 303; Barnhart 2: 294; BB p. 175; Bossert p. 212; CSP 3: 662, 8: 78-79, 10: 403, 16: 289; Desmond p. 361-362; Hortus 3: 1197 ("Kirk, J."); IH 2: 363; Kew 3: 266; Rehder 5: 455; SO 3404; Tucker 1: 389; Zander ed. 10, p. 678.
Anon., J. Bot. 60: 69. 1922; J. Bot. 71: 206. 1933; Nature 109: 114-115. 1922.
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D.P., Proc. R. Soc. B. 94: xi-xxx. 1923.
Exell, A. W. and Wild, H., Flora zambesiaca 1(1). 1960.
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Hill, Bull. misc. Inf. Kew 1922: 49-63.
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Wild, Kirkia 1: 5-11. 1960 (portr.).

EPONYMY (genus): *Kirkia* D. Oliver (1868); *Pleiokirkia* Capuron (1961); (journal): *Kirkia*. Journal of the Federal Herbarium, Salisbury Rhodesia and Nyassaland. Salisbury. Vol. i-x. 1960-x. *Note*: *Kirkoria* Zalessky (1937) is dedicated to the author's "grand père du côté maternel J. V. Kirkor."

Kirk, John William Carnegie (1878-1962), British soldier (retired 1921) and amateur botanist; son of Sir John Kirk. (*J. W. C. Kirk*).

HERBARIUM and TYPES: Material from South Africa at K.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 221, 675; Desmond p. 632; IH 2: 363; Kew 3: 267.

3670. *A British garden flora* a classification and description of the genera of plants, trees and shrubs represented in the gardens of Great Britain, with keys for their identification . . . London (Edward Arnold & Co.) 1927. Oct. (*Brit. gard. fl.*).
Publ.: 1927 (p. vi: Aug 1927; Nat. Nov. Feb 1928), p. [i]-x, [xi, cont.], [1]-584. *Copies*: NY(2).

Kirk, Thomas (1828-1898), English-born botanist and chief conservator of State forests in New Zealand (1863-1898). (*T. Kirk*).

HERBARIUM and TYPES: AK (New Zealand), TCD (Brit.), WAR (Brit.). Further material e.g. at BM, NY, OXF, WELT.
Ref.: Kent, D. H., Brit. herb. 63. 1957.
Petrie, Rec. Dominion Mus. 3: 89-99. 1958 (itin.).
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Sayre, G., Mem. New York bot. Gard. 19(3): 352. 1975.
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Bagnall, J. E., Fl. Warwickshire 500, 502. 1891.
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Glenn, R., Bot. Expl. New Zealand 141-147, 175. 1950 (portr.).
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Moore, Tuatara 20(2): 51-56. 1973 (fide Kew Record).

EPONYMY: *Kirkianella* H. H. Allan (1961); *Kirkophytum* (H. Harms) H. H. Allan (1961).

3671. *The forest flora of New Zealand* . . . Wellington (by authority: George Didsbury, . . . 1889. Fol. (*Forest fl. New Zealand*).
Publ.: Feb-Jul 1889 (p. vii: Jan 1889, Nat. Nov. Sep 1889; Bot. Gaz. Oct 1890), p. [i]-xv, [1]-345, *pl. 1-9, 9a, 10-36, 36a, 37-38, 38 a-d, 39-45, 45a, 46-54, 54a, b, 55-59, 59 a-b, 60-74, 75a, 76-81, 81 a-c, 82, 82a, 83-101, 101a, 102-142* (uncol. liths.). *Copies*: MICH, MO, US, USDA.
Ref.: Britten, J., J. Bot. 28: 29-30. Jan 1890.
Cockayne, L., Veget. New Zealand 6. 1921.

3672. *The students' flora of New Zealand* and the outlying islands . . . Wellington, N.Z. (By authority: John Mackay, Government Printer). London (Eyre and Spottiswoode, . . .) s.d. [1899]. Qu. † (*Stud. fl. New Zealand*).
Publ.: Mai-Jul 1899 (p. vi: 10 Apr 1899; MO copy rd. 26 Sep 1899; BM rd. Oct 1899; Flora rd. 29 Dec 1899; Nat. Nov. Dec(1) 1899), p. [i*], [i]-vi, [1]-408. *Copies*: MICH, MO, NY, USDA. – Incomplete: Ranunc.-Compos.
"It is matter for regret that Mr. Kirk has quoted throughout the MS. names employed in the Flora [i.e. a transcript of Solander's manuscript *Florae Novae Zelandiae* at BM], thus adding to synonymy a number of entirely useless names of which future monographers will have to take note." (Britten 1900). The book remained incomplete because of Kirk's death in 1898.
Ref.: Britten, J., J. Bot. 38: 141-143. Apr 1900.
Cockayne, L., Veget. New Zealand 6. 1921.

Kirkwood, Joseph Edward (1872-1928), American botanist; Ph. D. Columbia 1903, from 1901-1907 at Syracuse University; from 1907-1909 involved in guayule-rubber research; from 1909 at the department of botany of the University of Montana, Missoula. (*Kirkw.*)

HERBARIUM and TYPES: MONTU; duplicates LA (important set) A, FG, GH, K, MICH, MO, NY, POM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 295 (orig. inf.); BL 1: 162, 304; Bossert p. 212; CSP 16: 293; IH 2: 363; Kew 3: 267; Langman p. 410; LS suppl. 13964; NAF 28(B)2: 340; Rehder 5: 455.
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Barnhart, J. H., J. New York. Bot. Gard. 12: 134-135. 1911.
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Elrod, M. J., *in* Kirkwood, Northern Rocky Mountain trees and shrubs v-vii. 1930.
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3673. *Northern Rocky Mountain trees and shrubs* . . . Stanford University, California (Stanford University Press) 1930. (*N. Rocky Mt. trees*).
Publ.: Apr-Jul 1930 (p. x: Mar 1928; Nat. Nov. Aug 1930), p. [i]-xvii, 1-340, *pl. 1-35*. *Copies*: MO, NY, USDA.

Kirmis, Max (x-1926), German high school teacher, archeologist, numismatist and botanist; from 1880 at the Neumünster Progymnasium. (*Kirmis*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 295.
Dittmann, Th., Die Heimat 36: 92-93. 1926.
Fischer-Benzon, R. J. D. von, *in* P. Prahl, Krit. Fl. Schleswig-Holstein 2: 28. 1890.

3674. *Flora von Neumünster* . . . Beilage zum Oster-Programm der Realschule zu Neumünster. Neumünster (R. Hieronymus Buchdruckerei) 1883. Qu. (*Fl. Neumünster*).
Publ.: Apr-Mai 1883 (Easter Program; Nat. Nov. Oct(2) 1883, Nov(1) 1883), p. [i]-iv, [1]-40. *Copy*: MO. – Appendix to Progr. Nr. 265 of the Oberrealschule at Neumünster.

Kirschleger, Frédéric (1804-1869), Alsatian botanist; M.D. Paris 1829; 1829-1834 physician at Munster; from 1834-1845 at the Strasbourg École de Pharmacie; from 1845 at the Faculté de médécine; Dr. Sc. Strasbourg 1846. (*Kirschl.*)

HERBARIUM and TYPES: STR. Some other material at BR and FI.

BIBLIOGRAPHY and BIOGRAPHY: ADB 16: 32; Barnhart 2: 295; BFM 530, 531; BL 2: 119, 128, 153, 675; BM 2: 986; Bossert p. 212; CSP 3: 664-665, 8: 82, 12: 387; Hortus 3: 1197 ("Kirsch."); IH 2: 363; Jackson p. 303; Kew 3: 268; PR 4688-4698 (ed. 1: 5232-5239); Rehder 5: 455; Tl 2/1: 2164, see Buchoz, P.J.; Tucker 1: 389; Zander ed. 10, p. 678.

Note: For the most detailed biographical and bibliographical information see below: *Memorial publication.*
Anon., Bull. Soc. bot. France 17(bibl.): 45. 1870; Flora 52: 522. 27 Dec 1869; Bot. Zeit. 27: 863-864. 17 Dec 1869.
Faudel, Notice biographique sur le professeur Kirschleger, Colmar 1872, 30 p. (n.v.; see Bull. Soc. bot. France 19(bibl.): 252. 1873), reprinted from Bull. Soc. Hist. nat. Colmar 12/13. 1871/2.
Gerock, Mitt. d. philomat. Ges. 3: 320-332. 1906 (K. und die älteren Botaniker), n.v., fide Bot. Zeit. 16 Sep 1907.
Lasègue, Bull. Soc. bot. France 16: 318-320. 1869 (reprints obituary Courrier du Bas-Rhin, 16 Nov 1869), also: 16 (bibl.): 189. 1869.

Kirschleger, F., Fl. Alsace 2: lxxv-lxxvi. 1857 (autobiogr.); Liste des travaux, *in* his Flore vogéso-rhénane 1870.
Schmitt, Bull. Ass. phil. Alsace Lorr. 14: 99-103. 1970.
Wittrock, V. B., Acta Horti Berg. 3(3): 210. 1905.

MEMORIAL PUBLICATION: The *Annuaire de la Société d'Histoire du Val et de la Ville de Munster*, vol. 24, 1969, p. 5-123, contains 24 papers on Kirschleger by M.-J. Bopp, J. Spenlé, R. Schmitt, J. Laissus et al., a bibliography, a very complete list of biographical references (q.v. in addition to the list above), a portrait, discussion of manuscripts and sources; family history, poetry, contemporary ambiance, relations with Schimper, etc. Main study.

HANDWRITING: Ann. Soc. Hist. Munster 24: plate h.t. 1969.

EPONYMY: *Kierschlegeria* Spach (1835); *Kirschlegeria* H. G. L. Reichenbach (1837, *orth. var.*)

3675. *Statistique de la flore d'Alsace et des Vosges* qui font partie de cette province . . . Mulhausen [Mulhouse] (Imprimerie de Jean Risler et Comp.). 1831. Qu. (*Statist. fl. Alsace*).
Publ.: *part* [*1*]: 1831, p. [i, iii], [1]-56; *part* [*2*]: 1832, p. 57-118, [1-2, err.]. *Copies*: G, NY.

3676. *Prodrome de la Flore d'Alsace* . . . Strasbourg (chez P. Schreurer, . . . et chez l'auteur), Colmar (chez Reiffinger, . . .) Mulhausen [Mulhouse] (chez J. Rissler, . . .) 1836. Duod. (*Prodr. fl. Alsace*).
Publ.: Apr 1836 (Kirschleger, Fl. Als. 2: lxxvi; Flora rd. 13 Apr 1836), p. [i*], [i]-xviii, [1]-252. *Copies*: B, BR, G, NY, USDA.
Appendice au Prodrome . . . Strasbourg (Imprimerie de G. Silbermann, . . .) 1838. Duod. *Publ.*: 1838 (Flora rd. 3 Dec 1836), p. [1]-30, [1, err.]. *Copies*: G, NY.
Ref.: Anon., Lit. Ber. Flora 6: 169-174. 21 Dec 1836.

3677. *Statistique végétale des environs de Strasbourg* s.l.n.d. [Strasbourg 1843]. Oct. (*Statist. vég. Strasbourg*).
Publ.: 1843, p. [1]-28. *Copy*: NY. – Congr. Sci. France, 10(2, mém.): 35-61. 1843.

3678. *Flore d'Alsace* et des contrées limitrophes . . . Strasbourg (chez l'auteur et tous les libraires d'Alsace), Paris (Chez Victor Masson, . . .) [1850-] 1852-1862, 3 vols. Duod. (*Fl. Alsace*).

1: [i]-xvii, [1]-662, t.p. 1852.
2: [i*-iii*], [i]-cxxiv, [1]-612, t.p. 1857 (p. xi: Mar 1857). In parts (contents unknown.).
3: [i-viii], [1]-456, in parts (p. viii: 2 Feb 1862).
Copies: G, NY, U, USDA. – Number of copies printed: 500. Vol. 1 reprinted as a whole in 1852.

vol.	livr.	contents	date	Flora rd.
1	1	1-48	1850	
	2	49-96	1850	
	3	97-144	1850	Sep-Oct 1850
	4	145-192	1850	Nov 1850
	5	193-240	1850	Mar 1851
	6	241-288	1850	Mar 1851
	7	289-336	1851	Jun-Jul 1851
	8	337-384	1851	Jun-Jul 1851
	9	385-432	1851	Sep-Oct 1851
	10	433-480	1851	Jan 1852
	11	481-528	1851	Jun 1852
	12	529-576	1851 (sic)	Mai-Jul 1852
	13	577-624	1851 (sic)	Mai-Jul 1852
	14	625-662, i-xvii	1852	Oct 1852
2		as above	1853-Jul 1857	

vol.	livr.	contents	date	Flora rd.
3		1-188	1857-1858	
		189-396	1859-1860	
		397-456	1861-Mar 1862	

Ref.: I., Bot. Zeit. 16: 107-108. 16 Apr 1858 (vol. 2).
Schlechtendal, D. F. L. v., Bot. Zeit. 18: 318-319. 21 Sep 1860 (vol. 3, 1-2).

3679. *Notice sur le Sonchus Plumieri*, L., . . . [Strasbourg 1853]. Qu.
Publ.: 1853, p. [1]-6, *1 pl.* (col. lith. by René Leroux). *Copies*: MO(2). – Mém. Soc. Hist. nat. Strasbourg no. 4, 1853. – To be cited from journal publication.

3680. *Annales de l'Association philomatique vogéso-rhénane*, faisant suite à la Flore d'Alsace de F. Kirschleger. Strasbourg ([livr. 1:] Bureau de la Société, chez Treuttel et Würtz), Paris (E. Baillière), Colmar (Held-Balzinger), Épinal (Ve Gley et Cabasse) [Imprints other parts vary] 1863-1868, 9 parts. Duod.(*Ann. Assoc. philom. vogéso-rhén.*).
1: 1863, p. [1]-72; *2*: 1864, p. [73]-120; *3*: Aug(?) 1864, p. [121]-168; *4*: Sep 1865, p. 169-216; *5*: 1866, p. 217-240; *6*: 1866, p. 241-286, [287-288, cont.]; *7*: 1867, p. [1]-48; *8*: 1867, p. 49-72; *9*: 1868, p. 73-96. – *Copy*: G.

3681. *Flore vogéso-rhénane* ou description des plantes qui croissent naturellement dans les Vosges et dans la Vallée du Rhin, . . . Paris (J. B. Baillière et Fils, . . .), Strasbourg (Treuttel et Wurtz, . . .) 1870, 2 vols. Duod. [in sixes], (*Fl. vogéso-rhén.*).

Vol. 1: Feb-Mar 1870 (presented at Paris 17 Jan 1870 [probably loose sheets]; BSbF Apr-Mai 1870; Flora rd. 30 Jun 1870; p. vi dated Feb 1870), p. [i], portr. author, [iii]-vi, [1]-502, [1, avis].
Vol. 2: late 1870(?) more probably med. 1871 (BSbF Nov 1871), p. [i-iii], 1-399,]400, abbr.].
Copies: B, G, MICH, USDA. – On 18 Sep 1869, shortly before his death (on 15 Nov 1869), Kirschleger sent "23 premières demifeuilles" to Burnat, p. [1]-384. It is likely that the copy mentioned by Flora (see above) was a similar set. The treatment of the vascular cryptogams, and in general the publication of the second volume, is by Ph. Becker. The second volume was promised for the autumn of 1870, but the outbreak of the Franco-Prussian war at that time makes it difficult to ascertain its date of publication. Jessen, *in* Pritzel (1872) mentions only tome 1.
Ref.: P.A., Bot. Zeit. 28: 611-613. 23 Sep 1870 (rev. of tom. 1).
Winter, Flora 53: 292-304. 1870 (rd. 1).

Kirschstein, Wilhelm (1863-1946), German mycologist; high school teacher at Rathenow (Havel), later at Berlin-Pankov. (*Kirschst.*)

HERBARIUM and TYPES: B (10.000, extant; rd. 1945). K's library came also to B. – "Kirschstein krönte seine Uneigennützigkeit durch Schenkung seines Pilzherbars . . . an das Botanische Museum [Berlin-Dahlem] . . ." (Rosenthal, 1956).
Ref.: Kohlmeyer, Willdenowia 2: 783. 1961.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 226; Barnhart 2: 295; Bossert p. 212; CSP 16: 294; IH 2: 363; Kew 3: 268; LS 13925-13926, suppl. 13966-13969; Stevenson p. 1247; Urban-Berl. p. 277.
Rosenthal, M., Willdenowia 1(4): 606-611. 1956 (portr., bibl.); Ber. deut. bot. Ges. 68a: 254. 1956.

COMPOSITE WORKS: *Kryptogamenflora von Brandenburg*:
(a) *Sphaeriales*, 7(2): [164]-304. 20 Nov 1911.
(b) *Sphaerellaceae*, 7(3): 305-448. 5 Mai 1938.

HANDWRITING: Willdenowia 1 (4): 607. 1956.

EPONYMY: *Kirschsteinia* H. Sydow (1906); *Kirschsteiniella* F. Petrak (1923).

Kirtikar, Kanhoba Ranchoddâs (1849/1850-1917), Indian botanist; surgeon-major in the British-Indian army; stationed at various locations; 1886 assistant, 1887 full professor of materia medica at Bombay; one of the founders of the Bombay Natural History Society. (*Kirt.*)

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 295; BB p. 175; CSP 16: 294; Desmond p. 362; Kew 3: 268; LS 13927, 35416; MW suppl. p. 161.
Jackson, B. D., Proc. Linn. Soc. London 129: 48. 1917.

3682. *Indian medicinal plants* . . . published by Sudhindra Nath Basu, M.B., . . . Bahadurganj, Allahabad (printed by Apurva Krishna Rose, at the Indian Press) 1918. Qu. (*Ind. med. pl.*).
Co-author: Major Basu Baman Das.
Publ.: 1918 (p. x: 1 Jan 1918), in two parts text and four parts plates (uncol.); the plates edited by Basu. – *Copies*: US, USDA; IDC 7289.
Text: *1*: [i]-lxxxii, [1]-760; *2*: [i], 761-1418.
Plates: *1*: [1]-7, *pl. 1-267*, *2*: [i-iv], [1]-3, *pl. 268-524*, *3*: [i-iv], [1]-4, *pl. 525-779*, *4*: [i-iv], [1]-3, *pl. 780-1033*.

Kitagawa, Masao (1909-x), Japanese botanist at the Biological Institute, Yokohama National University; before 1940 in Manchuria. (*Kitag.*).

HERBARIUM and TYPES: TI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 296; Hortus 3: 1197; IF suppl. 4: 327; IH 2: 364; Kew 3: 269; MW p. 233-234, suppl. p. 161-162; Roon p. 61.

3683. *Lineamenta florae manshuricae* or an enumeration of all the indigenous vascular plants hitherto known from Manchurian Empire together with their synonymy, distribution and utility . . . Hsinking 1939. (*Lin. fl. manshur.*).
Publ.: Oct 1939 (p. ii), p. [i-vii], map, 1-487, [488], *pl. 1-12*. *Copy*: US. – Report of the Institute of scientific Research. Manchoukuo, vol. 3, app. 1. "*Neo-lineamenta florae manshuricae*." – announced by Cramer (1974).

Kitaibel, Paul (1757-1817), Hungarian botanist at Budapest whose herbarium constitutes the basis of BP. (*Kit.*)

HERBARIUM and TYPES: BP (bought 1818); other material B (herb. Willd., extant), BM, BR, G, H, M, P, PC.
Ref.: Ascherson, P. F. A., Bemerkungen über einige Pflanzen des Kitaibel'schen Herbariums, Wien, 26 p. (repr. Verh. zool. bot. Ges. Wien 1867).
Javorká, S., Ann. Mus. natl. Hung. 24: 428-585. 1926, 26: 98-210. 1929, 28: 147-196. 1934, 29: 55-102. 1935, 30: 7-118. 1936, 38: 85-97. 1945 (Herbarium Kitaibelianum).
Szepesfalvi, Ann. Mus. natl. Hung. 36 (Bot.): 25-72. 1943 (bryoph.).
Moesz, Ann. Mus. natl. Hung. 20: 141-145. 1923 (fungi).
Györgi, Ann. Mus. natl. Hung. 36: 73-81. 1943 (lich.).
Harmatti, Bot. Közlem. 49(3-4): 334-345. 1962, 50(3): 141-145. 1963 (K's early travels).

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 418, 5(1): 689, 766, 4: 85, 6(2): 934; Backer p. 303; Barnhart 2: 296; Blunt p. 168, 264; BM 2: 987; Bossert p. 212; CSP 3: 667; DSB 7: 390-391; Frank 3(Anh.): 51; Hortus 3: 1197 ("Kit."); IH 2: 364; Jackson p. 118, 267; Kanitz p. 59-62; Kew 3: 269; Lasègue p. 333, 337, 346, 527; Maiwald p. 87, 89, 120; NI (alph.); PR 4703-4704 (ed. 1: 5244); Rehder 5: 456; Tucker 1: 389; Urban-Berl. p. 363, 414; Zander ed. 10, p. 678.
Beck, G., Vegetationsverh. Illyr. Länder 3-4, 37. 1901 (Veg. Erde 4).
Gombocz, Endre, Diaria itinerum Pauli Kitaibelii. Auf Grund originaler Tagebücher zusammengestellt. Budapest 1945, 2 vols., 1082 p.
Harmatta, Botan. Közlem 50: 141-145. 1963 (diaries trips).

Jávorka, S., Kitaibel Pál., Budapest, Akadémiai Kiadó 1957, 214 p. (bibl.) (contains a Nomenclator Kitaibelianus, p. 140-170); Acta bot. Acad. Sci. Hung. 3(3-4): 213-218. 1957 (portr.), Ann. hist.-nat. Mus. natl. Hung. ser. 2. 8: 9-16. 1957.
Kanitz, A., Reliquiae Kitaibelianae, see TL-2/3502.
Kárpáti, Z., Bot. Közlem. 57(3): 161-163. 1970 (commemorative address).
Pax, F., Grundz. Pflanzenverbr. Karpathen 1: 8, 9, 29, 35, 52, 55, 59. 1898 (Veg. Erde 2(1)).
Priszter, Ann. Univ. Sci. Budapest, Rolando Eötvos, Biol. 12: 201-205. 1970 (brief rev., with references, of work on K's herbarium).

COMPOSITE WORKS: With A. Waldstein (q.v.) *Descriptiones et icones plantarum rariorum Hungariae.* Wien 1803-1812.

NOTE: Kitaibel was born on 3 Feb 1757 in Mattersburg (Nagymarton) in what is now Austrian Burgenland.

HANDWRITING: Candollea 31: 135-136. 1976.

EPONYMY: *Kitaibela* Willdenow (1799).

POSTAGE STAMPS: Hungary 20 fi. (1967) yv. 1880.

Kitamura, Siro (1906-x), Japanese botanist at the Department of Botany, Kyoto University, specialist in Compositae and the flora of Afghanistan, Himalaya, Tibet and Japan. (*Kitam.*).

HERBARIUM and TYPES: KYO; dupl. e.g. LE, MICH, UPS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 196; Bossert p. 213; IH 2: 364; Kew 3: 269-270. MW p. 234-235, suppl. p. 163-165; Roon p. 61; Zander ed. 10, p. 678.
Anon., Taxon 9: 196. 1960 (his Flora of Afghanistan).
Kitamura, S., Personal communication to senior author 1957.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 174. 1947.
Stafleu, F. A., Taxon 14: 107-108. 1965; 23: 643. 1974 (on his "coloured illustrations . . .").
Stewart, R. R., Pakistan J. Forestry 17: 350. 1967.

3684. *Compositae japonicae* . . . [Kyoto 1937-1942] 3 parts. (*Compos. jap.*).
Publ.: in Mem. College Sci. Kyotot Univ. ser. B:
1: 1937, in 13: [i-ii], [1]-421, *pl. 1-35.*
2: 31 Dec 1940, in 15(3): [285]-446, *pl. 1-11.*
3: 31 Mar 1942, in 16(3): [155]-292, *pl. 1-8.*
4: 1955, in 22(1): 77-126, *pl. 1-4.*
5: 1956, in 23(1): 105-168.
6: 1957, in 21(1): 1-79, *pl. 1-7.*
Copy: US. – See MW suppl. p. 163 for reviews.
Addenda: Acta phytotax. geobot. 19(1): 12-17. 1961 (no. 2).

Kittel, Baldwin Martin (1798-1885), German naturalist; from 1834-1869 Rector of the Landwirthschafts- und Gewerbsschule zu Aschaffenburg. (*Kitt.*).

HERBARIUM and TYPES: B (destroyed).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 303; Barnhart 2: 296; BM 2: 987; CSP 3: 667, 8: 82-83, 16: 299; DTS 1: 154; Frank 3(Anh.): 51; Hortus 3: 1197 ("Kittel"); IH 2: 364; Jackson p. 301; Kew 3: 270; MD p. 168-169; NAF ser 2.2: 162; PR 4705-4707 (ed. 1: 5246-5247); Quenstedt p. 235; Rehder 5: 456; SBC p. 124 ("Kitt."), SO add. 845 f, g, h; Urban-Berl. p. 304.
Anon., Leopoldina 21: 161. 1885; Bot. Not. 1886: 39; Rev. bot. Bull. mens. Soc. franç. Bot. 4: 334. 1885/6; Bot. Zeit. 43: 622. 1885; Nat. Nov. 7: 176. 1885.
Familler, I., Denkschr. bay. bot. Ges. Regensburg 11: 12. 1911.
Kanitz, A., Magy. növ. lap. 9: 121. 1885.

Voit, S. B. mat.-phys. CP. Akad. Wiss. München 16: 67-69. 1887 (Q.V. for further biogr. refs.).

EPONYMY: *Kittelia* H. G. L. Reichenbach (1837); *Kittelocharis* Alefeld (1863).

3685. *Mémoires d'histoire naturelle*; . . . Paris (Decourchant et Gallay, . . .) 1826. Oct. (*Mém. hist. nat.*).
Publ.: on or shortly before 9 Aug 1826 (BF), p. [i], [1]-144 (121-136, err. 105-120). *Copy*: G. – A combination of two articles (the first, p. 1-24, is zoological) reprinted with independent pagination from Mém. Soc. Linn. Paris. The second (botanical) article is Kittel's article on Arnott's Nouvelle disposition: *Rapport sur la nouvelle disposition des mousses*, présentée par M. Walker-Arnott; suivi de notes critiques . . ., published in the same *Mémoires* 5(3): 215-324. Jul 1826.

3686. *Taschenbuch der Flora Deutschlands* zum bequemen Gebrauche auf botanischen Excursionen. Nürnberg (bei Johann Leonhard Schrag) 1837. Oct. (*Taschenb. Fl. Deutschl.*).

Ed. 1: Jan-Mar 1837 (Flora rd. 4 Apr 1837), p. [i]-civ, [1]-744. *Copies*: BR, G, NY.
Ed. 2: Nürnberg (id.), Oct., *publ.*: 1843-1844, in two parts.
part 1: Nov 1843 (t.p. 1844; rd. Flora 16-30 Nov 1843), p. [i*], [i]-cxx, [1]-486.
part 2: 1844, p. [i], 487-1230.
Copies: G, MO, NY, USDA.
Ed. 3: Nürnberg (id.) Oct., *publ.*: 1853, in two parts.
Part 1: Apr 1853 (p. xvi: Sanct Agathentage 1853 (5 Feb); Bot. Zeit. 22 Apr 1853; Flora 28 Mai-14 Jun 1853), p. [i]-cxlii, [1]-549.
Part 2: Apr 1853 or later, p. 553-1348.
Copies: BR, G, NY.
Ref.: Anon., Lit.-Ber. Flora 7: 67-70. 28 Mai 1837.
Schlechtendal, D. F. L. von, Bot. Zeit. 2: 586-587. 16 Aug 1844; 5: 732-733. 8 Oct 1847; 11: 579-580. 12 Aug 1853.

3687. *Taschenbuch der Flora Deutschlands nach dem Linnéischen Systeme* geordnet . . . Nürnberg (bei Johann Leonhard Schrag) 1847. Oct. (*Taschenb. Fl. Deutschl. Linn. Syst.*).
Publ.: Apr-Sep 1847 (p. iv: 21 Mar 1847; Bot. Zeit. 8 Oct 1847), p. [i*, iii*], [i]-cxi, [1]-507.
Copies: B, BR, M, NY.

3688. *Verzeichniss der offenblüthigen Pflanzen der Umgegend von Aschaffenburg* und des Spessarts. I. Abtheilung. Die Monocotyledonen. [II. Abtheilung. Die Dicotyledonen.]. Programm der königl. bayerischen Studienanstalt zu Aschaffenburg (in Unterfranken) für das Studienjahr 1870 in 1871 [1871 in 1872,] . . . Aschaffenburg (Gedruckt in der A. Wailandt'schen Druckerei) 1871-1872, 2 parts. Qu. (*Verz. Pfl. Aschaffenburg*).

Part 1: 1871 (p. 2: Pfingstfeste 1871 [Whitsun]; Flora rd. Aug 1871), p. [1]-52.
Part 2: 1872 (Flora rd. 21 Oct-21 Nov 1872; Bot. Zeit. 27 Sep 1871), p. [i], 53-172.
Copies: B, M, MO.
Ref.: G.K., Bot. Zeit. 30: 755-756. 1872.

Kittler, Christian (x-1919), German botanist and high school teacher at Nürnberg. (*Kittler*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 296; BM 2: 987.
Anon., Mitt. bay. bot. Ges. 3: 522. 1920.

3689. *Flora des Regnitzgebietes* zum Gebrauche auf Excursionen, in Schulen und zum Selbstunterrichte . . . Nürnberg (Verlag der Friedr. Korn'schen Buchhandlung) 1896. Oct. (*Fl. Regnitzgeb.*).
Publ.: Apr-Mai 1896 (p. iv: Mar 1896; Bot. Zeit. 1 Jun 1896), p. [i]-vi, [1]-406. *Copies*: B, M.
Ref.: Schultheiss, Bot. Zeit. 54(2): 344-346. 1896 (rev.).

Kittlitz, Friedrich Heinrich [Baron] **von** (1799-1871), German soldier (1813 sic-1825) and ornithologist, on the Senjavin expedition (1826-1829); at Köln 1832-1845; later at Berlin and Wiesbaden as "Privatgelehrter." (*Kittlitz*).

HERBARIUM and TYPES: LE (the material of the expedition on the corvet Senjavin under captain Lütke).

BIBLIOGRAPHY and BIOGRAPHY: ADB 16: 46; Barnhart 2: 296; BM 2: 987; CSP 3: 667-668; IH 2: 364; Jackson p. 403; Kew 3: 270; ME 3: 440; Moebius p. 375; MW p. 235; NI 1054-1055; PR 4708-4709 (ed. 1: 5248); Rehder 5: 456; Tucker 1: 389.
Embacher, F., Lexik. Reisen 164-165. 1882.
Petersen, Ber. Senckenb. naturf. Ges. 1873/4: 41-44. 1874.
Schmid, G., Chamisso als Naturforscher nos. 245, 246, 344. 1942.

3690. *Vier und zwanzig Vegetations-Ansichten* von Küstenländern und Inseln des Stillen Oceans. Aufgenommen in den Jahren 1827, 28 und 29 auf der Entdeckungsreise der kaiserlich-russischen Corvette Senjawin unter Capitain Lütke durch F. H. v. Kittlitz. Siegen (Friedrich'sche Verlagsbuchhandlung) s.d. [1844-1846]. Qu.-Fol. (*Veg.-Ansicht.*)

Ed. 1: in two portfolios, possibly in 6 parts, 1844-1846 (t.p. on cover of Lief. 1-3: 1845, Lief. 1 "1844, Bot. Zeit. 17 Oct 1845; 2/3. ib. 8 Mai 1846), p. [i, iii], [1]-68, [1-2, cont.], *pl. 1-24*. *Copy*: NY.
Ed. 2: Berlin (Th. Grieben) 1862, *Lief. 1*, 24 p., *6 pl.* fide BSbF 9(bibl.): 70202. 1864 (n.v.).
English translation: "*Twenty-four views of the vegetation* of the coasts and islands *of the Pacific* with explanatory descriptions . . . by F. H. von Kittlitz translated from the German and edited by Berthold Seemann, . . ." London (Longman, Green, Longman and Roberts) 1861. Oct. (*Views veg. Pacific*), p. [i]-x, [1]-68, *pl. 1-24*, [1 expl. *pl. 1*]. *Copies*: HH, UC (inf. D. E. Johnson). – See Bot. Zeit. 24 Jan 1862. (Preface p. viii: 20 Jul 1861).
Ref.: Schlechtendal, Bot. Zeit. 3: 699-701. 17 Oct 1845 (livr. 1); 4: 327-330. 8 Mai 1846 (livr. 2, 3); 20: 30-31. 24 Jan 1862 (English translation).

3691. *Denkwürdigkeiten einer Reise nach dem russischen Amerika*, nach Mikronesien und durch Kamtschatka . . . Gotha (Verlag von Justus Perthes) 1858. Oct. 2 vols. (*Reise russ. Amer.*)

1: 1858 (p. xiv: Jan 1858), p. [i]-vi, [1]-383, *2 pl.* (uncol.) [1, coloph.].
2: 1858, p. [i-iv], [1]-463, [1, coloph.], *2 pl.* (id.).
Copies: HH, Kon. Bibl. 's Gravenhage, NY., UC (inf. D. E. Johnson).

Kitton, Frederic (1827-1895), British diatomist and microscopist. (*Kitton*).

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EPONYMY: *Kittonia* E. Grove & G. Sturt (1887).

Kjellman, Frans Reinhold (1846-1907), Swedish phycologist at Uppsala; collected in Spitzbergen 1872-1873; Novaya Zemlya 1875; botanist with Nordenskjöld on the *Vega* expedition of 1878-1880; Ph. D. Uppsala 1872; extra ord. professor of botany 1883; ord. professor 1900. (*Kjellm.*).

HERBARIUM and TYPES: UPS; duplicates at B, FI, GB, H, K, KIEL, L, LY, P, PC, S, S-PA, WRSL.

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(2) Nordenskiöld, *Vega-expeditionens vetenskaplige iaktagelser*, Stockholm, in vol. 2: 1-23, 25-60, *pl. 1-2*, on phanerogams collected at Port Clarence and St. Lawrence Island. For main publication (Norra Ishavets Algflora 1883) in this series, see 3695.—The plants collected on this expedition (1878-1879) are at UPS, dupl. at S.

FESTSCHRIFT: *Botaniska studier tillägnade* F. R. Kjellman den 4 November 1906. Uppsala 1906, vii, 287 p., *9 pl.* (portr.) (Nat. Nov. Dec(1). 1906).

EPONYMY: *Kjellmania* Reinke (1888); *Kjellmanniella* [sic] Miyabe (1902).

3692. *Bidrag till kännedomen om Skandinaviens Ectocarpeer och Tilopterider* med två taflor. Akademisk Afhandling, som med samtycke af vidtberömda filos. fakulteten i Upsala för filosofiska graden erhållande till offentlig granskning framställes af Frans Reinhold Kjellman . . . på botaniska lärosalen den 25 Maj 1872 p.v.t.e.m. Stockholm (tryckt hos K. L. Beckman) 1872. Oct. (*Bidr. Skand. Ectocarp.*).
Publ.: 25 Mai 1872 (t.p.), p. [i], [1]-112, *pl. 1-2*. *Copies*: NY, USDA; IDC 5248.
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Publ.: 1883 (Nat. Nov. Jul 1884), p. [1]-430, [1, cont.], *pl. 1-31* (uncol. and col. liths. by Gunilda Kolthoff). *Copies*: L, NY, US. – Constitutes vol. 3 of N. A. E. Nordenskiöld, Vega-expeditionens vetenskaplige iakttagelser, Stockholm 1883. For English version see 3696: "The algae of the arctic sea".
Note: Kjellman published also, with J. V. Petersen, "*Om Japans Laminariaceer*," in Nordenskiöld, id. 4: [255]-279, [280], *pl. 10-11*. 1884 (*copy*: NY).

3696. *The algae of the Arctic Sea.* A survey of the species, together with an exposition of the general characters and the development of the flora, . . . Stockholm (Kongl. Boktryckeriet, P. A. Norstedt & Soner) 1883. Qu. (*Alg. Arctic Sea*).

Orig. ed.: Jan-Apr 1885 (t.p. 1883, but distr. 1885 fide KR; Nat. Nov. Mai(2) 1885; Bot. Zeit. 31 Jul 1885), p. [1]-350, [1, cont.], *pl. 1-31* (uncol. liths. by Gunilda Kolthoff). *Copies*: MICH, MO, NY, US, USDA. – K. Sv. Vet.-Akad. Handl. 20(5). – English version of the above *Norra Ishavets Algflora* 1883 (no. 3695).
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3699. *Handbok i Skandinaviens Hafsalgflora* . . . I. Fucoideae med 17 afbildningar i texten. Stockholm (Oscar L. Lamms Förlag) s.d. [1890]. Oct. † (*Handb. Skand. Hafsalgfl.*).
Publ.: (part 1, all publ.): Mar-Apr 1890 (p. [iv]: Mar 1890, Nat. Nov. Mai(1). 1890; J. Bot. Sep 1890), p. [i-iv], [1]-103, *Copies*: NY, US; IDC 5249.

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3704. *Om främmande alger ilanddrifna vid Sveriges västkust* [Stockholm, k. Sv. Vet.-Akad. 1906]. Oct. (*Främm. alg. Sv. västk.*).
Publ.: 30 Apr 1906, p. [1]-10. *Copy*: U. – Ark. Bot. 5(15).

Kjoeping, Oläus (1741-1809), [fictitious] Swedish botanical explorer. (*Kjoeping*).

NAME: Created by an unknown contributor to Appleton's Dictionary of American Biography (ca. 1890); said to have been a military surgeon in the Danish service. See Barnhart (1919) for further details. Fictitious titles: "*Prodromus florae*, sistens enumerationem plantarum cellularium quas in insulas, Santa Domingo, Cuba, Sancti Thomae et Sancti Bartholomei a Kjoeping collectas . . ." Copenhagen 1799, and "*Anmärkingar om Planter af Cuba*" (3 vols. 1807). Reminiscent of Olov Swartz.
Ref.: Barnhart, J. H., J. New York Bot. Gard. 20: 174. 1919.

Klášterský, Ivan (1901-197.), Czechoslovak botanist, especially rhodologist, curator of PR 1925-1955, later working at the Geobotanical laboratory of the Českosl. Akad. věd., Průhonice. (*Klášt.*)

HERBARIUM and TYPES: PR.

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EPONYMY: *Klasterskya* Petrak (1940).

Klatt, Friedrich Wilhelm (1825-1897), German botanist; from 1842-1897 high school teacher at Hamburg; Dr. phil. Rostock 1864. (*Klatt*).

HERBARIUM and TYPES: GH (11.5000): Further material at B, CGE, HBG, K, SAM. – The Klatt herbarium contained the Primulaceae from Lehmann's herbarium.
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(1) Martius, *Flora brasiliensis*, *Irideae*, 3(1): 509-548, *pl. 64-71*. 1 Jul 1871.
(2) C. C. von der Decken, *Reisen in Ost Afrika in 1859-61*, vol. 3(3), *Irideen und Compositen*, p. 73-79. 1879 (Nat. Nov. Sep 1879).
(3) E. Warming, *Symbolae*, 13, *Irideae*, p. 127-130, *publ.* 26 Apr 1873.
(4) Durand et Schinz, *Conspectus florae africae*, *Iridaceae africanae* 5: 143-250. Dec 1894 (see TL-2/1593).

NOTE: Klatt was requested by J. G. C. Lehmann (in his will) to sell the latter's herbarium. He sold parts of the herbarium to some 120 botanists, netting a receipt of DM 20.000. = which went to Lehmann's widow.

EPONYMY: *Klattia* J. G. Baker (1877).

3705. *Revisio Iridearum* . . . [1864-1866] Oct. (*Revis. Irid.*).
Publ.: Three papers published in Linnaea. The author received offprints with original pagination (copy e.g. in MO):
Part [*1*]: Linnaea 32(6): [689]-784. Feb 1864.
Part [*2*]: Linnaea 34(5): [537]-640. Feb 1866, 641-689. Dec 1866.
Part [*3*]: Linnaea 34(6): [690]-739. Dec 1866.

3706. *Norddeutsche Anlagenflora*, oder Anleitung zum schnellen Bestimmen der in den öffentlichen Anlagen, sowie in den gewöhnlichen Lustgärten vorkommenden Zierbäume und Ziersträucher . . . Hamburg (Verlag von Wilh. Jowein) 1865. Oct. (*Norddeut. Anlagenfl.*).
Publ.: Aug 1865 (Flora 26 Aug 1865 "neu"), p. [i]-xii, [1]-84, *pl. 1-30* (uncol. liths.). *Copies*: B, HBG.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 24: 30. 26 Jan 1866.

3707. *Flora des Herzogthums Lauenburg*, oder Aufzählung und Beschreibung aller im Herzogthum Lauenburg wildwachsenden Pflanzen . . . Hamburg (Verlag von Wilh. Jowien) 1865. Oct. (*Fl. Lauenburg*).
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Publ.: Jan-Apr 1866 (Bot. Zeit. 18 Mai 1866; BSbF 13 Jun 1866), p. [i], [1]-45, *pl. 1-24* (uncol. liths.). *Copies*: BR, M, MO(2), NY, U. – Abhandlungen aus dem Gebiete der Naturwissenschaften herausgegeben von dem naturwissenschaftlichen Verein in Hamburg 4 (4. Abth.).
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3709. *Cryptogamenflora von Hamburg*. Erster Theil. Schafthalme, Farrn, Bärlappgewächse, Wurzelfrüchtler und Laubmoose . . . Hamburg (Otto Meissner) 1868. Oct. † (*Crypt.-Fl. Hamburg*).
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Ref.: A.W.E., Flora 51: 123. 11 Apr 1868.
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3710. *Die Compositae des Herbarium Schlagintweit* aus Hochasien und südlichen indischen Gebieten. Bestimmt und bearbeitet von Dr. F. W. Klatt. Mit einleitenden Angaben über das Auftreten, sowie über topographische und klimatische Verhältnisse, nebst 1 Karte der Reisewege, Tafel Nr. xxxv, von Hernn von Schlagintweit-Sakünlünski, . . . mit Abbildung der 7 n. sp., auf den lithogr. Tafeln Nr. xxxvi-xxxviii . . . Halle (Druck von E. Blochmann & Sohn in Dresden. Für die Akademie in Commission bei Wilh. Engelmann in Leipzig) 1880. Qu. (*Compos. Schlagintweit*).
Co-author and collector: Hermann Alfred Rudolph von Schlagintweit-Sakülünski (1826-1882).
Publ.: Oct 1880 (Nat. Nov. Nov(1) 1880; Bot. Zeit. 5 Nov 1880), p. [1]-75. *Copy*: G. – Nova Acta Leop. 41(2, 6): 3: 345-419, pl. xxxv and xxxvi-xxxviii(1-3).

3711. *Neue Compositen*, in dem Herbar des Herrn Francaville entdeckt und beschrieben von Dr. F. W. Klatt. Halle (Max Niemeyer) 1881. Qu.
Publ.: Nov 1881 (Nat. Nov. Nov(2) 1881; Bot. Zeit. 30 Dec 1881), p. [1]-14. *Copy*: G. – Preprinted from Abh. naturf. Ges. Halle 15: 321-334. 1882. – To be cited from journal publication.

3712. *Ergänzungen und Berichtigungen zu Baker's Systema Iridacearum* . . . Halle (Max Niemeyer) 1882. Qu. (*Ergänz. Baker's Syst. Irid.*).
Publ.: Jun 1882 (Nat. Nov. Jun(2) 1882), p. [1]-70. *Copy*: G. – Reprinted from Abh. naturf. Ges. Halle 15: 335-404. 1882.

3713. *Neue afrikanische Compositen.* Auctore Dr. F. W. Klatt. [Dresden (Buchdruckerei der Dr. Güntz'schen Stiftung . . .) 1895]. Qu. (*Neue afrik. Compos.*).
Publ.: 1895, p. [1]-2. *Copy*: MO. – Botanisches Beiblatt zur Leopoldina. 1895. – Issued as a bibliographically independent addition to the Leopoldina but distributed in only a restricted number of copies.

3714. *Compositae novae costaricenses* auctore Dr. F. W. Klatt. [Dresden (Buchdruckerei der Dr. Güntz'schen Stiftung . . .) 1895]. Qu. (*Compos. nov. costaric.*).
Publ.: 1895, p. [1]-8. *Copy*: MO. – Botanisches Beiblatt zur Leopoldina. 1895. – Issued as a bibliographically independent addition to the Leopoldina but distributed in only a restricted number of copies.

Klebahn, Heinrich (1859-1942), German mycologist and phytopathologist; Dr. phil. Jena 1884; high school teacher (linguistics) at Bremen 1885-1894, at Hamburg 1894-1899; from 1899-1905 at the Hamburg botanical Garden; from 1905-1930 at the agricultural institute of Bromberg; teaching at Hamburg University 1921-1934. (*Kleb.*)

HERBARIUM and TYPES: B.

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Publ.: 1918? (Nat. Nov. Feb. 1920; publication possibly delayed until Jan 1920), p. [i]-xi, [1]-395. *Copy*: U.
Facsimile ed.: 1968, Lehre (J. Cramer), Bibliotheca mycologica 14, ISBN 3-7682-0559-2, [i*, extra t.p. (facs.)], [i]-xi, [1]-395. *Copy*: FAS. – See Taxon 17: 729. 1968.
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Klebs, Georg Albrecht (1857-1918), German botanist, pupil of de Bary, Sachs and Pfeffer; Dr. phil. Strasbourg 1879; at Tübingen 1882; professor of botany at Basel 1887; id. at Halle 1898; id. at Heidelberg 1907. (*Klebs*).

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Wittrock, V. B., Acta Horti Berg. 3(2): 132, *pl. 30.* 1903 (portr.).

EPONYMY: *Klebsiella* Pascher (1931); *Klebsimastix* B. V. Skvortzov (1969); *Klebsina* P. C. Silva (1970); *Klebsormidium* P. C. Silva, K. R. Mattox & W. H. Blackwell Jr. (1972).

3717. *Ueber die Formen einiger Gattungen der Desmidiaceen Ostpreussens.* Inaugural-Dissertation der mathematischen und naturwissenschaftlichen Facultät der Kaiser-Wilhelms-Universität Strassburg zur Erlangung der Doctorwürde . . . Königsberg (Druck der Universitäts-Buch und Steindruckerei von E. J. Dalkowski) 1879. Qu. (*Form. Desmid. Ostpreuss.*).
Publ.: Jul-Aug 1879 (Hedwigia Aug 1879, Nat. Nov. Sep(2) 1879; Bot. Zeit. 19 Sep 1879), p. [i-ii], [1]-42, *pl. 1-3* (uncol. liths. by author). *Copies*: FH, G, HBG. – Reprinted from Schrift. phys.-oekon. Ges. Königsberg 20: 1-42., *pl. 1-3.* 1880.
Ref.: de G., Bot. Zeit. 37: 616, 694. 1879.
Anon., Hedwigia 18: 128, 150-153. 1879.

3718. *Die Bedingungen der Fortpflanzung bei einigen Algen und Pilzen* . . . Jena (Verlag von Gustav Fischer) 1896. Oct. (*Fortpfl. Alg. Pilz.*).
Publ.: Sep-Oct 1896 (p. x: Aug 1896; Flora rev. 28 Oct 1896; Bot. Zeit. 1 Nov 1896 "soeben"), p. [ii]-xviii, [1]-543, [544, err.], *pl. 1-3*, double with text. *Copies*: MICH, MO, NY, USDA. – Alternative t.p. [ii], "*Ueber die Fortpflanzungs-Physiologie der niederen Organismen*, der Protobionten . . . Specieller Theil. Die Bedingungen . . ."
Ed. 2: 1928 (Nat. Nov. Dec 1928), p. [i]-xviii, [1]-543, [544, err.], *pl. 1-3* (id.). *Copy*: FH. – Unchanged; preface by Gustav Senn (1875-1945). Jena (id.) Oct.
Ref.: Goebel, K. v., Flora 83: 76. 28 Oct 1896 (rev.).
Oltmanns, Bot. Zeit. 55(2): 38-40. 1897.

Klein, Jakob Theodor (1685-1759), German botanist, born at Königsberg, municipal secretary at Danzig. (*Klein*).

HERBARIUM and TYPES: ER.

BIBLIOGRAPHY and BIOGRAPHY: ADB 16: 92-94; Barnhart 2: 298; BM 2: 992-993; Bossert p. 213; Dryander 5: 306-307; IH 2: 366; Jackson p. 31; Kew 3: 274; Lasègue p. 131, 573 [index]: PR 4714-4715 (ed. 1: 5252-5256); Quenstedt p. 237; Rehder 5: 457; SO 64a, 143, 1219; Tucker 1: 390.
Cuvier, G., Dict. Sci. nat. 61: 170-171. 1845.
Fries, Th. M., Bref och Skrifv. Linné 1(4): 362. [index]. 1910.
Hendel, Lobrede auf Herrn Jakob Theodor Klein. Danzig 1759. Qu. (Neue Samml. naturf. Ges. Danzig 1: 300-316. 1759) (n.v.).
Hulth, J. M., Bref Skrifv. Linné 2(1): 425. [index]. 1916.
Jourdan, A. J. L., Dict. Sci. méd. 5: 435-438. 1822 (bibl.).
Schumann, E., Gesch. naturf. Ges. Danzig 1743-1892. 61, 78-79. 1893 (bibl.).
Wittrock, V. B., Acta Horti Berg. 3(2): 132. 1903.

EPONYMY: *Kleinia* P. Miller (1754); *Kleinia* Crantz (1766). *Kleinia* N. J. Jacquin (1760) and

Kleinia A. L. Jussieu (1803) probably are also dedicated to him. *Kleiniella* R. Francé (1894) is dedicated to Julius Klein, mycologist. *Kleinodendron* L. B. Smith & R. J. Downs (1964) is dedicated to Roberto Miquel Klein, Brazilian botanist and ecologist.

3719. *An Tithymaloides*; frutescens; follis Nerii. Plum T. 654? Boerh. J. Alt. i. 259. Nec Cacalia nec Cacaliastrum. Cum figuris. mdccxxx. Gedani [Danzig, Gdansk] (Typis Schreiberianis) 1730. (*Tithymaloides*).
Publ.: 1730, p. [1-8], *1 pl.* (uncol. copp.). *Copies*: G, NY.

Kleinhans, Rodolphe (1828-?), French bryologist. (*Kleinh.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 993; Kew 3: 275; NI 1067; PR 4716.

3720. *Album des mousses des environs de Paris* . . . Paris (chez l'auteur . . . F. Savy . . .) 1869. (*Album mousses Paris*).
Publ.: in 30 parts 1863-1869 (specimen plate submitted to Soc. bot. Fr. 24 Apr 1863; livr. 1, 2 BSbF 10 Jul 1863, 3, 4 ib. 13 Nov 1863, 5 Jun 1864, 6 ib. 12 Feb 1864, 9-14, ib. 23 Jun 1865; terminated with 30th livr. Jul 1869). Each livraison consisted of one plate with lithographed text; p. [i], pl. 1-30, with text, uncol. liths. by author. *Copies*: BR, MICH.

3721. *Iconographie des mousses* . . . Paris (F. Savy, . . .) 1871. Fol. (*Iconogr. mousses*).
Publ.: 1870-1871; p. [i], *pl. 1-30*, uncol. liths. each with 1 p. text. *Copies*: G, NY. – Apparently simply a re-issue of the *Album* (see no. 3720).

Klement, Oscar (1897-x), Bohemian lichenologist; pupil of Anders; in Czechoslovakia until 1945; later in Hannover and Kempten. (*Klem.*)

HERBARIUM and TYPES: PR and PRM (20.000, confiscated with his library in 1945 fide GR); IH also lists material at a regional museum at Chomutov (Komotau) where Klement was born and worked until he was forced to leave the country. Other material: GOET, GZU, LD. – Klement built up a new herbarium after 1945. This is now at the Institut für pharmazeutische Biologie, Bonn. Several types, designated after 1945, are at M.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 299; GR p. 434-435 (very detailed) [*pl. 22*], cat. p. 66; IH 2: 367; Roon p. 62; SBC p. 124 ("Klem."); TL-2/1: see Cretzoiu, P.
Anon., Hessische floristische Briefe 8(96. Brief). Dec 1959 (Dr. h.c. Bonn).
Dörr, Mitt. naturw. Arbeitskr. Kempten (Allgäu) 16(1): 1-7. 1972 (bibl., n.v.) (note on the occasion of K's 75th birthday); ib. 21: x-xx. Apr 1977 (80th birthday).

COMPOSITE WORKS: C. F. E. Erichsen, *Flechtenflora von Nordwestdeutschland*, Stuttgart 1957, edited by W. Christiansen, O. Klement and W. Saxen.

Klett, Gustav Theodor (x-1827), German botanist at Leipzig. (*Klett*).

HERBARIUM and TYPES: LZ (destroyed).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 299; BM 2: 993; IH 2: 367; PR 4718 (ed. 1: 5261); Rehder 5: 457.

3722. *Flora der phanerogamischen Gewächse der Umgegend von Leipzig* . . . Leipzig (bei Friedrich Hofmeister) 1830. Duod. (in sixes). (*Fl. Leipzig*).
Co-author: Hermann Eberhard Friedrich Richter (1808-1876).
Preface: Heinrich Gottlieb Ludwig Reichenbach (1793-1879).
Part 1: Feb-Jun 1830 (p. xii: 26 Jan 1830; Flora rd. 7 Jul 1830), p. [i*, t.p. entire vol.], [i, t.p. part 1]-xxiv, chart, [1]-452.
Part 2: 1830, p. [i], [453]-816, map.
Copies: G, MO, NY, Regensburg.
Ref.: Anon., Flora 13: 407-408, 431-438. 1830.

Klinge, Johannes Christoph (1851-1902), Estonian botanist; Dr. phil. Dorpat (Tartu) 1893; at the Dorpat botanical garden 1879-1895; from 1895 librarian and botanist at the St. Petersburg botanical garden. (*Klinge*).

HERBARIUM and TYPES: LE.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 851; Barnhart 2: 299; BM 2: 994; CSP 10: 415, 12: 389, 16: 320; DTS 1: 154, 6(4): 161; Jackson p. 84, 495; Kew 3: 276; Langman p. 411; Lipschitz 4: 197; MW p. 236; Tucker 1: 390.
Anon., Bot. Not. 1903: 34; Bot. Centralbl. 80: xv. 1899.
Ascherson, P. F. A., Verh. bot. Ver. Brandenburg 44: xxxv-xxxvi. 1903 (link with Eduard Lehmann).
Beck, G., Vegetationsverh. Illyr. Länder 37. 1901 (Veg. Erde 4).
Engler, A., Bot. Jahrb. 1: 502-507. 1881 (extensive review of K's *Vergleichend histol. Unters. Gram.-Cyper.-Wurzeln*, 1879).
Kupffer, Korrespondenzblatt Naturf.-Ver. Riga 45: 7-20. 1902 (bibl.).

EPONYMY: *Klingia* S. Schönland (1919) is dedicated to Rev. H. Kling (*fl.* 1918), student of the natural history of South Africa.

3723. *Flora von Est-, Liv- und Churland.* Aufzählung und Beschreibung der bisher wildwachsend und verwildert beobachteten und der cultivirten Gewächse, mit besonderer Berücksichtigung der Holzgewächse . . . Zum Gebrauche auf Schulen, auf Excursionen und zum Selbststudium nach der analytischen Methode bearbeitet . . . Reval (Verlag von Franz Kluge) 1882. Oct. (*Fl. Est- Liv- Churland*).
Publ.: 1882, in two parts (part 1: Nat. Nov. Sep (1) 1882; Bot. Zeit. 29 Sep 1882), p. [i]-xvi, [1]-202, [1]-664. *Copy*: G. – Was followed by *Schulflora für Est-, Liv- und Kurland und die angrenzenden Gouvernements.* Dorpat [Tartu] Jan-Mai 1885, 351 p. (n.v.).

Klinggräff, Carl Julius Meyer von (1809-1879), German physician and botanist; Dr. med. Königsberg 1832; at first physician at Marienwerder; from 1836 landowner at Paleschken bei Stuhm in Prussia. (*C. Klinggr.*)

HERBARIUM and TYPES: At the former "Westpreussisches Provinzial-Museum zu Danzig." According to our information this museum was destroyed during World War II, but recent confirmation from Poland is lacking. Other material: B, L, PC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 299; BM 2: 994; CSP 3: 675-676, 8: 87, 12: 389; IH 2: 367; Jackson p. 227, 309, 503; Kew 3: 276; KR p. 356; PR 4719; Rehder 5: 458; Tucker 1: 391.
Anon., Bot. Not. 1880: 28; Bot. Zeit. 37: 696. 1879; Nat. Nov. 1: 135. 1879.
Ascherson, P. F. A., Verh. bot. Ver. Brandenburg 21: 58, xlvi. 1880.
Caspary, R., Lebensbeschr. Ost-Westpreuss. Botaniker 227. 1912.
Conwentz, H. W., Ber. deut. bot. Ges. 29: (12). 1911.
Volkens, Verh. bot. Ver. Brandenburg 51: (84). 1910.

3724. *Flora von Preussen.* Die in der Provinz Preussen wildwachsenden Phanerogamen nach natürlichen Familien geordnet und beschrieben . . . Marienwerder (In Commission bei A. Baumann) 1848. Oct. (*Fl. Preussen*).

Orig. ed.: Apr 1848 (p. xii: Apr 1848; Bot. Zeit. 8: 341-345. 1850), p. [i]-xxxvi, [1]-560. *Copies*: B, NY.
Re-issue: as orig. ed. but with a sticker on imprint: Marienwerder (In Commission bei Eduard Levysohn) s. d. *Copy*: USDA.
[*Erster*] *Nachtrag*: Mar 1854 (p. iv: Oct 1853; "soeben" Bot. Zeit. 21 Apr 1854, rev. 7 Apr 1854), p. [i]-iv, [1]-116. *Copy*: USDA. – "*Nachtrag zur Flora von Preussen* . . ." Marienwerder (In Commission bei Eduard Levysohn) 1854. Oct.
Zweiter Nachtrag: Oct 1866 (p. viii: Jan 1866; presented to Phys.-ökon. Ges. 5 Oct 1866; "soeben", Bot. Zeit. 21 Dec 1866), p. [i]-viii, [1], [1]-172, [1, err.]. *Copies*: B, HBG, USDA. – "*Die Vegetationsverhältnisse der Provinz Preussen* und Verzeichniss der in derselben

bisher gefundenen Phanerogamen ... Zweiter Nachtrag zur Flora der Provinz Preussen." Marienwerder (In Commission bei Eduard Levysohn) 1866. Oct.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 7: 240-242. 30 Mar 1849, 12: 247-248. 7 Apr 1854.

3725. *Zur Pflanzengeographie des nördlichen und arktischen Europas* ... Marienwerder (in Commission bei E. Levysohn. Druck von F. A. Harich) 1875. Oct. (*Pfl.-Geogr. n. Eur.*).

Ed. [*1*]: Feb-Mai 1875 (p. 4: Jan 1875, Bot. Zeit. 11 Jun 1875), p. [1]-82, [1, err.]. *Copy*: MO.
Ed. 2: 1878, 117 p. (n.v.), see Bot. Zeit. 36: 416. 28 Jun 1878.

Klinggräff, Hugo Erich Meyer von (1820-1902), German bryologist; brother of C. J. M. von Klinggräff; educated in Croatia (Zmrock, 1826-1842); on the family estate of Paleschken 1842-1846; Dr. phil. Königsberg 1846; in Croatia 1846-1848; from 1848 active in various parts of Prussia, mainly at Marienwerder. (*H. Klinggr.*).

HERBARIUM and TYPES: An important part of K's herbarium is at BP. Another part may have been at Königsberg, now Kaliningrad, but recent information received by us on the former Königsberg herbarium collections indicates that all was lost during World War II. Other Klinggräff material is at B, GOET, GFW, H, IBF, KIEL, L, MW, NY, PC, S, UPS. Most of this material was distributed in the series *Unio itin. crypt.*

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 300; BM 2: 994: CSP 3: 676, 8: 87, 10: 415, 12: 389, 16: 322; GR p. 95-96; IH 2: 367; Jackson p. 309; Kanitz 299; Kew 3: 276; LS 14033, 35451; NAF ser 2.3: 38; Rehder 5: 458; SBC p. 124 ("Klinggr."); Tucker 1: 391.
Anon., Bot. Not. 1903: 34; J. Bot. 17: 383. 1879; Rev. bryol. 16: 78. 1889, 20: 77. 1893; 29: 131. 1902.
Beck, G., Vegetationsverh. Illyr. länder 37. 1901 (Veg. Erde 4).
Caspary, R., Lebensbeschr. Ost-Westpreuss. Botaniker 228-229. 1912 (portr., bibl.).
Conwentz, H. W., Ber. deut. bot. Ges. 29: (12)-(13). 1911.
Kalmuss, Ber. westpreuss. bot.-zool. Ver. 26/27: 1-9. 1905 (portr.).
Szweykowski, J., Prodr. fl. hepat. polon. 1958.

3726. *Die höheren Cryptogamen Preussens.* Ein Beitrag zur Flora der Provinz. Königsberg (Verlag von Wilhelm Koch) 1858. Oct. (*Höh. Crypt. Preuss.*).
Publ.: 1858 (p. xii: Apr 1858), p. [i]-xx, [1]-220. *Copies*: L, M; IDC 7303.
Nachtrag: Schr. Phys. Oekon. Ges. Königsberg 3: 15-30. 1862.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 17: 103. 18 Mar 1859.
Anon., Bull. Soc. bot. France 6: 74-75. 1859 (post 6 Mai) (rev.).

3727. *Beschreibung der in Preussen gefundenen Arten und Varietäten der Gattung Sphagnum* [Königsberg 1872]. Qu. (*Beschr. Preuss. Sphagnum*).
Publ.: 1872, p. [1]-36. *Copy*: MO. – Reprinted from Schr. phys.-ökon. Ges. 13(Abh.): 1-36. 1872.

3728. *Versuch einer topographischen Flora der Provinz Westpreussen* ... Danzig (Druck von A. W. Kafemann) 1880. Oct. (*Vers. topogr. Fl. Westpreuss*).
Publ.: Oct 1880 (p. 8: Apr 1880; Nat. Nov. Nov(1) 1880; Bot. Zeit. 3 Dec 1880), p. [i-iii], [1]-151. *Copies*: B, G. – Schr. naturf. Ges. Danzig, N.F. 5(1, 2): 82-232. 1881-1883; see also ib. 5(4): 58-68. 1881-1883 (also reprinted, p. [1]-6, see below).

3729. *Einiges über topographische Floren*, insbesondere die Westpreussens [Danzig 1882]. Oct.
Publ.: 1882, p. [1]-6. *Copy*: G. – Schr. Naturf. Ges. Danzig 5(4): 58-68. 1881-1883. – To be cited from journal publication.

3730. *Die Leber- und Laubmoose West- und Ostpreussens* ... Herausgegeben mit Unterstützung des Westpreussischen Provinzial-Landtages vom Westpreussischen botanisch-zoologischen Verein. Danzig (Commissions-Verlag von Wilhelm Engelmann in Leipzig) 1893. Oct. (*Leber- Laubm. W.- Ostpreuss.*).
Publ.: 2 Jan 1893 (p. xi: Nov 1892; presented to Naturf. Ges. Danzig 2 Jan 1893; Nat. Nov.

Feb(1) 1893; Hedwigia Mar-Apr 1893; Bot. Zeit. 16 Mar 1893; Flora rd. before 12 Mai 1893), p. [i]-xiii, [1]-317. *Copies*: B, BR, G, L, Regensburg.
Ref.: Solms, H., Bot. Zeit. 51(2): 124. 16 Apr 1893.

Klingstedt, Frederik Woldemar (1881-1964), Finnish botanist and chemist at Turku. (*Klingst.*).

HERBARIUM and TYPES: H; further material at TURA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 300; BL 2: 96, 675; GR p. 610, *pl.* [*40*]; IH 2: 368.
Asplund & Pensar, Acta Acad. Aboens. math. phys. 22: ix-xxiv. 1962 (portr., bibl.).
Collander, R., et al., Acta Soc. Fauna Fl. fenn. 81: 248-249. 1973 (bibliography and refs. to biographies).
Marklund, Luonnon Tutkija 65(5): 148-149. 1961 (portr.).

Klinsmann, Ernst Ferdinand (1794-1865), Danzig botanist and physician; studied at Berlin under F. G. Hayne; Dr. med. Berlin 1823; practiced medicine in Danzig 1824-1865; curator of the botanical collections of the Naturforschende Gesellschaft in Danzig. (*Klinsm.*).

HERBARIUM and TYPES: At the Provinzialmuseum, Danzig; now destroyed. – L has some Charophyta attributed to "Klinsmann."
Ref.: Anon., Bot. Zeit. 23: 351-354. 1865 (herb. for sale).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 300; BM 2: 994; Bossert p. 213; CSP 3: 677, 8: 88; GR p. 96; IF 709; IH 2: 368; Jackson p. 13; Kew 3: 276; Langman p. 411; LS 14034-14037; MW p. 236; PR (alph.) (ed. 1: 5268; thesis Berlin 1823); Rehder 5: 458; TL 2/1: see Breyne, J.
Anon., Schr. naturf. Ges. Danzig ser. 2. 1(3/4): 6-7. 1866; Bot. Zeit. 23: 195, 350-351. 1865 (necrology taken from Danziger Zeit. 24 Jun 1865); Flora 48: 350. 1865.
Caspary, R., Lebensbeschr. Ost-Westpreuss. Botaniker 229-230. 1912 (bibl.).
Conwentz, H. W., Ber. deut. bot. Ges. 29: (11). 1912.
Schlechtendal, D. F. L. von, Bot. Zeit. 23: 195. 1865.
Szweykowski, Prodr. fl. hepat. polon. 1958.

3731. *Clavis Breyniana* oder Schluessel zu Jacobi Breynii Gedanensis Exoticarum aliarumque minus cognitarum plantarum centuria prima, cum figuris aeneis summo studio elaboratis und zu Johannis Phillip Breynii fasciculi rariorum plantarum primus et secundus bearbeitet und mit einigen Anmerkungen herausgegeben von Ernst Ferdinand Klinsmann, . . . Danzig 1855. Qu. (*Clav. Breyn.*).
Publ.: 1855 (Flora rd. Jan-Feb 1855; BSBF Oct-Dec 1855), p. [i]-[vi], [7]-30. *Copies*: L, MO. – N. Schr. Naturf. Ges. Danzig 5(2), no. [3], 1956 (*copy*: GRON).
Ref.: Anon., Flora 38: 142-143, 173. [7, 21] Mar 1855.
Schlechtendal, D. F. L. von, Bot. Zeit. 13: 298-299. 27 Apr 1855.

3732. *Clavis Dilleniana* ad Hortum Elthamensem. Von Ernst Ferdinand Klinsmann, . . . Danzig (In Commission bei L. G. Homann. [or, on sticker:] Auf Kosten des Verfassers) 1856. Qu. (*Clav. Dillen.*).
Publ.: 16 Sep-14 Oct 1856 (p. 3: 16 Sep 1856, Festgabe 32' Ves. Aerzte Naturf. Wien; Vorgelegt 14 Oct 1856; rd. by Flora Sep-Oct 1856), p. [1]-31.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 14: 933-934. 26 Dec 1856.
Hooker, W. J., J. Bot. Kew Gard. Misc. 9: 128. Mar 1857.

3733. *Beiträge zu einer Cryptogamen-Flora Danzigs*, erweitert durch Mitteilungen aus West- und Ostpreussen mit einem einleitenden Bericht der ganzen botanischen Literatur der Provinz Preussen . . . [Königsberg i. Pr. 1862]. Qu. (*Beitr. Crypt.-Fl. Danz.*).
Publ.: Oct-Nov 1862 (submitted 27 Apr 1862). – Reprinted from Verh. phys.-ökon. Ges. Königsberg 3: 36-62. 1862 (journal publ. MO). – Reprint with independent pagination n.v.
Ref.: H.I., Bot. Zeit. 20: 425-426. 5 Dec 1862.

Kloos, Abraham Willem, Jr. (1880-1952), Dutch botanist; Dr. phil. h.c. Leiden 1946; civil engineer; high school teacher at Schiermonnikoog (1904-1905), Goes (1905-1911) and Dordrecht (1911-1945); student of the adventitious flora of the Netherlands. (*Kloos*).

HERBARIUM and TYPES: L; further material at C, K and U.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 304; Barnhart 2: 300; BL 2: 675 [index]; IH 2: 368; JW 2: 194; Kew 3: 277; MW p. 236; NAF ser. 2.5: 245.
Heimans, J., De levende Natuur 55: 138-139. 1952.
Jansen, Acta bot. neerl. 1: 484-488. 1952 (portr.).
Ooststroom, S. J. van, Blumea 7(1): 303-304. 1952.
Stafleu, F. A., Taxon 1: 115. 1952.

COMPOSITE WORKS: Weevers, Th. et al., *Flora neerlandica, Lycopodiaceae*, in [1]: 7-12. 1948.

Klotzsch, Johann Friedrich (1805-1860), German botanist at Berlin; curator of the herbarium (1833-1860); outstanding mycologist. (*Klotzsch*).

HERBARIUM and TYPES: B (mostly destroyed). Exsiccatae: *Herbarium vivum mycologicum* sistens fungorum per totam germaniam crescentium collectionem perfectam, Berlin 1832, cent. 1-2, nos. 1-200, sets at B (complete set, extant), BM, BR, BPI, FH, HAL, K, L, M, MSTR, OXF, PAV, PC, UPS. – For the continuation of this series see under L. Rabenhorst. A detailed review of title development and editors is given by IH and by Stevenson (1971). For an alphabetical index see Kohlmeyer (1962).
Ref.: Klotzsch, J. F., Linnaea (Lit.) 8: 17-19. 1833.
Kohlmeyer, J., Willdenowia 2: 785. 1961; Index alphabeticus Klotzschii et Rabenhorstii herbarii mycologici. Weinheim 1962, xvi, 230, 1 p., Beih. Nova Hedw. 4.
Stevenson, J., Taxon 16: 112-119. 1967; Beih. Nova Hedwigia 36: 274-296. 1971.

BIBLIOGRAPHY and BIOGRAPHY: ADB 16: 233-235; AG 4: 709; Ainsworth p. 70, 74, 116, 315; Backer p. 304; Barnhart 2: 300; BM 2: 995; Bossert p. 214; Clokie p. 193; CSP 3: 679-681, 12: 390; DTS 1: 154, xxi; Frank 3(Anh.): 51; Hortus 3: 1197 ("Klotzsch"); IF 710; IH 2: 368-369; Kew 3: 278; Langman p. 411-412; LS 14079-14089; MW p. 236; NAF 1(1): 162, 7(15): 1073, 9(6): 439, ser. 2. 2: 162, 7: 41; NI 1069-1070; PR 4725-4732; Rehder 5: 458-459; SO 475a; Stevenson p. 1247; TL -2/1: 443, 1457, see Guimpel, F.; Tucker 1: 391; Urban-Berl. p. 261, 265, 277, 288, 304, 363; Zander ed. 10, p. 678.
Allan, M., The Hookers of Kew 87, 108. 1967.
Anon., Bull. Soc. bot. France 7: 542. 1861; Flora 43: 768. 1860.
Ascherson, P. F. A., Fl. Provinz Brandenb. 1: 7. 1864.
Dolezal, H., Friedrich Welwitsch 152-153. 1974.
Garcke, C. A. F., Bonplandia 8: 349-352. 1860.
Gray, J. L., Letters A. Gray 26, 268, 269. 1893.
Helm, J., Kulturpfl. 14: 352. 1966.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 175. 1947.
Reiche, K., Grundz. Pflanzenverbr. Chile 34. 1907 (Veg. Erde 8).
Schlechtendal, D. F. L. von, Bot. Zeit. 13: 368, 396. 1860.
Schmid, G., Chamisso als Naturforscher 90, 91, 169. 1942.
Seemann, B., Bonplandia 8: 349-352. 1860.
Urban, I., Jahrb. K. bot. Gart. Berlin 1: 104-111. 1881.

COMPOSITE WORKS: (1) Link, H. F., Klotzsch, F. et Otto, F., *Icones plantarum rariorum horti regni bot. Berol.*, see under Link.
(2) edited vol. 14 (1, 2) of Hayne, – *Getreue Darstellung*, 1846; see Hayne, F.G.

EPONYMY: *Klotzschia* Chamisso (1833); *Klotzschiphytum* Baillon (1958).

3734. *Pflanzen-Abbildungen und Beschreibungen* zur Erkenntniss officineller Gewächse. Herausgegeben von Friedrich Guimpel, . . . Text von Dr. Johann Friedrich Klotzsch, . . . Erster Band. Berlin (bei A. W. Hayn) 1838. Qu. (*Pfl.-Abbild. Beschr.*).
Artist: Friedrich Guimpel (1774-1839).

Publ.: 1838-1839 (p. iv: Apr 1838), in 4 parts (Hefte):
1: 1838, p. [i]-iv, [1]-18, *pl. 1-7*.
2: 1838(?), p. 19-28, *pl. 8-14*, id.
3/4: 1839, p. 29-51, *pl. 15-24*, id.
Copies: B(1, 3/4), USDA. – Plates handcol. copper engr.

3735. *Species novae et minus cognitae* horti regii botanici berolinensis auctoribus A. Braun, Klotszch [sic] et Bouché. s.l.n.d. [Berolini (Typis C. Feisteri) 1851, 1852]. Qu. (*Sp. nov. min. cogn.*)
Co-authors: Alexander Carl Heinrich Braun (1805-1877); Carl David Bouché (1908-1881).

1851: late 1851 or early 1852, p. [1]-3. *Copy*: HH. – Issued as an appendix to *Index seminum horto botanico berolinensi* anno 1851 collectorum (by A. Braun and C. D. Bouché), p. [1]-14. The 1851 issue starts with 1. *Acrostichum* (*Elaphoglossum*) *erythrotrichum* Kl.; spelling "Klotszch".
1852: late 1852 or early 1853, p. [1]-3. *Copy*: HH. – Reprinted with independent pagination from idem 1852 ([1]-14); pagination in original issue p. [12]-14. The 1852 issue starts with 1. *Pleurothallis* (*elongatae*) *subpellucida* Kl.; spelling "Klotzsch." Copy with original pagination at U.

3736. *Über Pistia* . . . Berlin (Gedruckt in der Druckerei der königl. Akademie der Wissenschaften) 1853. Qu. (*Pista*).
Publ.: Sep 1853 (submitted 2 Dec 1852; "soeben" Bonplandia 1 Oct 1853, Bot. Zeit. 7 Oct 1853), p. [i], [1]-31, *pl. 1-3* (uncol. liths. by C. F. Schmidt). *Copies*: G, WU. – Abh. [Physik.] k. Akad. Wiss. Berlin 1852: 329-359. 1853. See also Monatsbericht id. 1852: [627]-634. publ. Dec 1852 (has diagnoses).
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 11: 720. 1853, 12: 516. 1854.

3737. *Appendix specierum novarum* et minus cognitarum, quae in horto regio botanico berolinensi coluntur. Auctoribus A. Braun, Klotzsch, C. Koch et Bouché. [Berlin] 1853. Qu. (*App. sp. nov.*)
Co-authors: A. Braun (see above), C. D. Bouché (see above), Karl Heinrich Emil Koch (1809-1879).
Publ.: Dec 1853 or early 1854, p. [1]-14. *Copies*: HH(2), MO. – Issued with *Index seminum in horto botanico berolinensi* anno 1853 collectorum p. [11]-24. *Copy* with original pagination: U.

3738. *Appendix generum et specierum novarum* et minus cognitarum quae in Horto regio botanico berolinensi coluntur. [Berlin] 1854. Qu. (*App. gen. sp. nov.*)
General editor (as director): A. Braun (see above).

1854: Dec 1854 or, more likely, early 1855, p. [1]-19. *Copies*: B, HH. – Issued with *Index seminum in horto botanico berolinensi* anno 1854 collectorum. [Berlin 1854], p. [1]-10. Several co-authors.
1855: Dec 1855 or early 1856, p. [1]-29. *Copies*: HH, MO, – Issued with id. 1855, p. [1]-10.
The appendices to the Berlin seed lists appeared in this form from 1844 onward; they contain contributions by various authors. We treat here only those seen by us. The *appendices* for 1854 and 1855 (and probably several others) contained several contributions by K. H. E. Koch who was then "Adjunkt" at the Garden (director 1851-1877: Alexander Braun); other contributors in 1854 were Bouché, Koernicke, Caspary and A. Braun.

3739. *Begoniaceen-Gattungen und Arten* . . . Berlin (in der Nicolaischen Buchhandlung. Gedruckt in der Druckerei der königl. Akademie der Wissenschaften) 1855. Qu. (*Begoniac.*).
Publ.: 1855, before 1 Oct (t.p. 1855; Bonplandia 15 Oct 1855; Bot. Zeit. 5 Oct 1855; Flora rd. 14 Sep-7 Oct 1855), p. [i], [1]-135, *pl. 1-12* (uncol. liths. by C. F. Schmidt). *Copies*: B, G, M, MO, NY, U, US. – Reprinted from Abh. k. Akad. Wiss. Berlin 1854: 121-255. 1855. See also Monatsber. 1854: 119-228. Mar 1854 (diagnoses!). – Splits *Begonia* in 42 genera.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 13: 707-709. 5 Oct 1855.
Seemann, B. C., Bonplandia 3: 286-288. 15 Oct 1855 (extensive review).
Hooker, W. J., J. Bot. Kew Gard. Misc. 7: 352. Nov 1855.

3740. *Appendix plantarum novarum* et minus cognitarum, quae in horto regio botanico berolinensi coluntur [Berlin] 1856. Qu. (*App. pl. nov.*)
General editor (as director): A. Braun (see above).

1856: Dec 1856 or early 1857, p. [1]-8. *Copies*: HH, MO. – Issued with *Index seminum in horto botanico berolinensi* anno 1856 collectorum, p. [1]-20. Several co-authors; editor: A. Braun.
1857: Dec 1857 or early 1858, p. [1]-24. *Copies*: HH, MO. – Issued with id. 1857, p. [1]-22. Several co-authors.

3741. *Philipp Schoenlein's botanischer Nachlass auf Cap Palmas* von F. Klotzsch. Aus den Abhandlungen der königl. Akademie der Wissenschaften zu Berlin 1856. Mit vier lithographirten Tafeln. Berlin (Gedruckt in der Druckerei der königl. Akademie der Wissenschaften) 1857. Qu.
Collector: Philipp Schönlein (1834-1856), Swiss botanist.
Publ.: 1857 (submitted 30 Oct 1856), p. [i-ii], [221]-242, *pl. 1-4* (uncol. liths. C. F. Schmidt). *Copy*: MO. – Abh. [Physik] k. Akad. Wiss. Berlin 1856: [221]-242. 1857. – To be cited from journal publication.

3742. *Über Abstammung der* im Handel vorkommenden *rothen Chinarinde* . . . Berlin (Gedruckt in der Druckerei der königl. Akademie der Wissenschaften. In Commission von F. Dümmler's Verlags-Buchhandlung) 1858. Qu. (*Abstamm. roth. Chinarinde*).
Publ.: Mai-Jun 1858 (submitted 17 Dec 1857; Flora rd. Jun 1858; Bot. Zeit. 30 Jul 1858), p. [i-ii], [51]-75, *pl. 1-2* (uncol. liths. H. Schacht). *Copies*: NY, WU. – Abh. [Physik] k. Akad. Wiss., Berlin 1857: [51]-75. 1858.

3743. *Linné's natürliche Pflanzenklasse Tricoccae* des Berliner Herbarium's im Allgemeinen und die natürliche Ordnung Euphorbiaceae insbesondere von Fr. Klotzsch. *Auszug* aus dem Monatsbericht der Königl. Akademie der Wissenschaften zu Berlin, März 1859. Berlin (Gedruckt in der Druckerei der königlichen Akademie der Wissenschaften) 1859.Oct. (in fours).
Publ.: 10-31 Mar 1859 (submitted 10 Mar 1859; Flora rd. 14 Aug-7 Sep 1859); p. [i], 236-254, *pl. 1-2* (uncol. liths. by C. F. Schmidt). *Copies*: G, M. – Reprinted from Monatsber. k. Akad. Wiss. Berlin März 1859: 236-254. – Preliminary publ., see more extensive paper, 1860, (from Abh.), no. 3745. This paper to be cited from the journal.

3744. *Die Aristolochiaceae des Berliner Herbariums* . . . Berlin (Gedruckt in der Druckerei der königl. Akademie der Wissenschaften) 1859. Oct. (*Aristoloch. Berl. Herb.*).
Publ.: Aug 1859 (in August issue Monatsber., Flora rd. Dec 1859), p. [i], [571]-626, *pl. 1-2* (uncol. liths. by C. F. Schmidt). *Copies*: L, M. – Monatsber. k. Akad. Wiss., Berlin Aug 1859: [571]-626.

3745. *Linné's natürliche Pflanzenklasse Tricoccae* des Berliner Herbarium's im Allgemeinen und die natürliche Ordnung Euphorbiaceae insbesondere. Von Fr. Klotzsch. Aus den Abhandlungen der königl. Akademie der Wissenschaften zu Berlin 1859. Berlin (Gedruckt in der Buchdruckerei der königl. Akademie der Wissenschaften. In Commission von F. Dümmler's Verlagsbuchhandlung) 1860. Qu. (*Linn. Pfl.-Kl. Tricoccae*).
Publ.: 1860 (read 10 Mar 1859; t.p. 1860; MO copy sent to Engelmann by A. Braun 1860), p. [i-ii], [1]-108, *pl. 1-2* (uncol. liths. by Franz Wagner). *Copies*: B, L, LC, M, MO, NY, U. – Reprinted from Abh. k. Akad. Wiss., Berlin 1859(1): 1-108. 1860. For preliminary publication in Monatsberichte Mar 1859, see 3743.

3746. *Die botanischen Ergebnisse der Reise seiner königl. Hoheit des Prinzen Waldemar von Preussen* in den Jahren 1845 und 1846. Durch Dr. Werner Hofmeister . . . auf Ceylon, dem Himalaya und an den Grenzen von Tibet gesammelte Pflanzen beschrieben von Dr. Fr. Klotzsch und Dr. Aug. Garcke. Mit 100 lithographirten Tafeln. Berlin (Verlag der königlichen Geheimen Ober-Hofbuchdruckerei (R. Decker)). 1862. Fol. (*Bot. Ergebn. Reise Waldemar*).
Co-author: Christian August Friedrich Garcke (1819-1904).
Publ.: Jan 1862 (pref. Dec 1861; Bot. Zeit. 16 Jan 1862), p. [i-viii], [1]-164, *pl. 1-52, 53/54, 55-100*, plain lithographs of drawings by C. F. Schmidt (*1-99*) and C. Muller (*100*) *Copies*: G, MICH, MO, NY, Teyler, USDA.

Knapp, F. H. (*fl.* 1846), British botanist at Bath. (*F. Knapp*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 301; BB p. 176; BM 2: 996; Jackson p. 235; Kew 3: 279; PR 4735 (ed. 1: 5275); Rehder 1: 399.

3747. *The botanical chart of british flowering plants* and ferns: Shewing at one view their chief characteristics; generic and specific names, with the derivation; their localities, properties, etc., etc., etc., ... Bath (Binns and Goodwin), London (Whittaker & Co.), Dublin (W. Curry, Jun. & Co.), Edinburgh (J. Johnstone) 1846. Oct. (*Bot. chart brit. fl. pl.*).
Publ.: 1846, p. [i]-x, [1, dedic.], [1, h.t.], charts 1-81, index 83-90. *Copy*: G.

Knapp, Josef Armin (1843-1899), Austrian botanist at first at Cluj, later curator at Wien. (*J. A. Knapp*).

HERBARIUM and TYPES: Material at B, BP, CERN, JE, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 733; Backer p. 304; Barnhart 2: 301; BM 2: 996; CSP 3: 684, 8: 90, 12: 390, 16: 331; GR p. 453; IH 2: 370; Jackson p. 266; Kanitz p. 311; Kew 3: 280; PR 4738, 10589; Rehder 5: 459; Tucker 1: 391.
Anon., Bot. Not. 1900: 47.
Bourdeille, Bull. Soc. Natur. Moscou ser. 2. 6: 370-371. 1893.
Pax, F., Grundz. Pflanzenverbr. Karpathen 1: 20, 21, 32, 35, 43, 45, 50, 52, 55. 1898 (Veg. Erde 2(1)).

NOTE: Not to be confused with the Austrian artist and botanical painter Johann Knapp (1778-1833), who painted the famous "Jacquin Denkmal" (at Vienna) and who made the flower paintings for Archduke Johann Baptist von Österreich (1782-1859), treated above under 3362 ("*Icones plantarum*"). For biogr. details on Johann Knapp see e.g. WU 12: 137-139; Widder, Jahrb. Ver. Schutze Alpenfl. 25: 104-117. 1960; Nissen, Philobiblon 6(9): 338. 1933; and G. Frodl, *in* Johann Knapp, Jacquins Denkmal. Österr. Galerie, Schloss Belvédère, Wien 1966, p. 30-46.

COMPOSITE WORKS: (1) S. Schulzer v. Müggenburg, A. Kanitz und J. A. Knapp, *Die bisher bekannten Pflanzen Slavoniens*. Wien 1866 (Apr-Mai), see Schulzer.
(2) For a description of the plants collected by Knapp in Persian "Adserbidschan" (Azerbaijan) in 1884 see the series of papers edited by R. v. Wettstein as "*Beitrag zur Flora von Persien*."

3748. *Prodromus florae comitatus nitriensis* sistens plantas phanerogamicas et cryptogamicas vasculares in Comitatu nitriensi hucusque observatas ... Vindobonae [Wien] (Dispendiis auctoris) 1865. Qu. (*Prodr. fl. nitr.*)
Publ.: 1865 (BSbF Jun 1865), p. [i, iii], [1]-86. *Copies*: MO, NY. – Verh. k.k. zool. bot. Ges. 15: [89]-174. 1865 Preceded by "*Phanerogame flora der Stadt Neutra nebst ihrer Umgebung*," *in* Correspondenzblatt des Vereins für Naturkunde zu Presburg [Bratislava] 2(6/7): [113]-142. Jun-Jul 1863, 2(8/9): [133]-148, 2(10/11): [149]-199. 1863 (*Copy*: HH). – Nitra (Neutra), a town now in S. Czechoslovakia, east of Bratislava (Pressburg).

3749. *Die bisher bekannten Pflanzen Galiziens* und der Bukowina ... Wien (Wilhelm Braumüller k.k. Hof- und Universitätsbuchhändler) 1872. Oct. (*Pfl. Galiz.*).
Publ.: Jan-Apr 1872 (p. ix: 15 Sep 1871; Bot. Zeit. 10 Mai 1872; J. Bot. Jun 1872), p. [i]-xxxi, [1]-520. *Copies*: B, G, M, MO, USDA.
Ref.: K., Flora 55: 93-96. 21 Feb 1872 (written by Knapp?).

Knapp, John Leonard (1767-1845), British botanist and soldier, served in the Hereford and Northampton Militia; later residing at Powick near Worcester. (*J. L. Knapp*).

HERBARIUM and TYPES: BRISTM and E; further material at BM. Correspondence with J. E. Smith at LINN.

Ref.: Kent, D. L., Brit. herb. 63. 1957.
Hedge, I. C. and J. M. Lamond, Index coll. Edinburgh 98. 1970.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 118; Barnhart 2: 301; BB p. 176; BM 2: 996; Bossert p. 214; Desmond p. 363; IH 2: 370; Jackson p. 239; Kew 3: 279-280; NI 1071; PR 4736-4737 (ed. 1: 5276); Rehder 5: 459; Tucker 1: 391.
Anon., Bot. Not. 1845: 220; Flora 28: 432. 21 Jul 1845; Proc. Linn. Soc. Lond. 1: 244-245. 1845.
Milner, J. D., Cat. Portr. Kew 70. 1906.
Dawson, W. R., Smith papers 60. 1934 (corr. with J. E. Smith).
Druce, G. C., Fl. Buckinghamshire ci. 1926.
Pritzel, G., Linnaea 19: 456. 1847.
Riddelsdell, Fl. Gloucestershire cxvii-cxviii. 1948.
White, J. W., Fl. Bristol 85-86. 1872.

EPONYMY: *Knappia* J. E. Smith (1803).

3750. *Gramina britannica*; or representations of the British grasses. With remarks and occasional descriptions . . . London (printed for the author, by T. Bensley, . . . and sold by J. White, . . .) 1804. (*Gram. brit.*).

Ed. [*1*]: 1804 (p. iii: Jun 1803), p. [i-v], plates with text [misnumberings in parentheses]: *1-54, 55(54), 56-57, 58(57), 59, 60(59), 61, 62(61), 63(62), 64(63), 65(64), 66-67, 68(67), 69(68), 70(69), 71(72), 73(72), 74(73), 75, 76(75), 77(76), 80, 81(80), 82(81), 83(82), 84, 85(84), 87(86), 88(87), 90(89), 91(90), 92-93, 94(93), 95-96, 97(96), 98-99 100(99), 101(100), 102, 103(102), 104(103), 105(104), 106-110, 111(118), 112-113, 114(113), 115-116, 117(116), 118(117), 119(118);* (handcol. copper engr., J. Hibbert, P. Nodder). *Copies*: MO, NY, USDA. According to the minutes of the Linnean Soc., 24 Mai 1825, only 100 copies were left after a fire at Bensley.
Ed. [*2*]: 1842, London (Longman and Co, . . . and W. Strong, Bristol. *Publ.*: 1842 (p. [iii]: 1 Dec 1841), p. [i-vii], *pl. 1-3, 4*(misnumbered *6*), *5(7), 6-20, 21(19), 22, 23(20), 24(22), 25(24), 26-60, 61(62), 62, 63(64), 64(65), 66(67), 67(68), 68(69), 69(70), 70(71), 71(72), 73(74), 74(74), 76(77), 77(78), 78(79), 79(80), 80(81), 81(82), 82(83), 83(84), 84(85)* . . . [id.] . . . *96(97), 97(99), 98, 99(100), 100(101)* . . . *118(119)*. (idem. *Copies*: B, BR, G, L, MICH, NY.

3751. *The journal of a naturalist.* London (John Murray) 1829. Oct. (*Journ. natural.*).

Ed. 1: 1829, p. [i]-xii, [1]-403, *pl. 1-7*. *Copies*: BM (n.v.), PH (n.v.).
Ed. 2: 1829, London (John Murray, . . .) 1829 (HH copy inscribed 28 Mai 1829). Oct., p. [i]-xvi, [1]-413, *pl. 1-7* plus 3 unnumbered plates (uncol. liths.). *Copies*: BM (n.v.), HH (xii, 396 p.), MO, PH (n.v.).
Ed. 3: 1830, London (id.). 1830. Oct., p. [i]-xvi, [1]-440, *pl. 1-7* (dated 30 Jul 1830). *Copies*: BM (n.v.), USDA (6 pl.), PH.
Philadelphia ed.: 1831, Philadelphia (Carey & Lea) 1831. Duod. (in sixes), p. [i*], [i]-viii, [9]-286, *pl. 1-2* (uncol.). *Copies*: MICH, NY.
Philadelphia ed. (2?): 1846, Philadelphia (published by Gihon & Smith, . . .) Duod. (in sixes), p. [i]-viii, [9]-286, [1, expl. pl.], *pl. 1-2*. *Copy*: NY.

Knaut, Christian (1654-1716), German botanist at Halle, brother of Christoph Knauth. (*Knaut*).

HERBARIUM and TYPES: Unknown.

NOTE: Knaut's brother Christoph Knauth [sic] (1638-1694), physician and botanist at Halle published an *Enumeratio plantarum circa Halam Saxonum* (1687, ed. 2 1689), see PR 4740, see below. We agree with Schmid that it is more likely that Knauth and Knaut were brothers, rather than father and son. They spelled their family name differently on the t.p.'s of their books.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 278; Barnhart 2: 301; BM 2: 996; Bossert p. 214;

Dryander 3: 162; Jackson p. 15; Kew 3: 280; PR 4741-4742 (ed. 1: 5277-5278); Rehder 5: 459.
Nicolas, J. P., *in* G. H. M. Lawrence, ed., Adanson 1: 155, 164, 165, 177. 1963.
O., Dict. Sci. méd. 5: 440-441. 1822.
Stafleu, F. A., Linnaeus and the Linnaeans 42, 61. 1971.

EPONYMY: *Knautia* Linnaeus (1753).

3752. *Methodus plantarum* genuina, qua notae characteristicae seu differentiae genericae tam summae, quam subalternae ordine digeruntur et per tabulas, quas vocant synopticas perspicue delineantur; in gratiam studiosae juventutis adornata atque edita à Christiano Knaut . . . Lipsiae [Leipzig] et Halae [Halle a.S.] (prostat in officina Adami Sellii) 1716. Oct. (*Meth. pl.*).
Publ.: 1716, p. [i-iv], [1]-267, [268, err.], [1-12, ind.]. *Copies*: MO, NY, USDA.

Knauth, Christoph(**orus**) (1638-1694), German botanist and physician at Halle. (*Knauth*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 301; BM 2: 996; Bossert p. 214; Dryander 3: 162; Frank 3(Anh.): 51; Kew 3: 280; Moebius p. 42; PR 4741 (ed. 1: 5279).
Drude, O., Hercyn. Florenbez. 4. 1902 (Veg. Erde 6).
Lütjeharms, W. J., Gesch. Mykol. 125. 1936.
O., Dict. Sci. Méd. 5: 440. 1822.

EPONYMY: The etymology of *Knauthia* Heister ex Fabricius (1763) could not be established.

3753. *Enumeratio plantarum circa Halam saxonum* et in ejus vicinia, ad trium fere milliarum spatium, sponte provenientium, cum earum synonymiis, locis natalibus ubi proveniunt, & tempore quo florent, additis characteribus generum summorum atque subalternorum, & indice copioso, in botanophilorum gratiam methodice consignata, studio Christophori Knauths . . . Lipsiae [Leipzig] (Sumpt. haered. Fried. Langkisii) 1687. Oct. (*Enum. pl. Hal. sax.*)
Publ.: 1687, p. [i-viii], 1-187, [188-212, index], [2, add.], [1, err.]. *Copies*: U, USDA. – Zuchold (1853) mentions this title with a 1688 imprint (Leipzig, id.), stating that it does not differ from the 1687 edition. Leimbach (1886) provides more details on the minor differences as well as on the merits of the book. We have seen no copy of the 1688 issue.
Ref.: Zuchold, E. A., Jahresber. Naturf. Ges. Halle 5: 29. 1853.
Leimbach, Irmischia 6(3/4): 14. 1886.

Knebel, Gottfried (1908-x), German algologist, Dr. phil. Berlin 1935. (*Knebel*).

HERBARIUM and TYPES: Some material at KIEL.

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 370.

3754. *Monographie der Algenreiche der Prasiolales*, insbesondere von Prasiola crispa . . . Inaugural-Dissertation zur Erlangung der Doktorwürde genehmigt von der Philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin . . . C. Heinrich, Dresden-N. 1935. Oct. (*Monogr. Prasiolales*).
Publ.: 15 Apr 1935 (in Hedwigia), p. [i-iii], [1]-120, [1, vita], 3 maps. *Copy*: FH. – Reprinted from Hedwigia 75(1/2): [1]-120. 15 Apr 1935.

Kneiff, Friedrich Gotthard (1785-1832), Alsatian botanist and pharmacist (1817-1832) at Strasbourg. (*Kneiff*).

HERBARIUM and TYPES: Unknown. Exsiccatae:
(1) *Plantae cryptogamicae quas in magno ducatu badensi* collegerunt Gotthard, Kneiff et Eman. Frideric. Hartmann, fasc. 1-4, nos. 1-200, 1828-1830, sets at BM, FH, G, STR.

(2) *Musci frondosi quas in Alsatia, variisque Helvetiae et Germaniae partibus* collegerunt F. G. Kneiff . . . et Ch. Ph. W. Maercker pharm. cand. . . . Argentorati (typis vituae [fasc. 2 onward: viduae] J. H. Silbermann), fasc. 1-10, nos 1-250, 1825-1832, sets at BERN, BM, C, FH, G, NCY, PC, Steere, STR. [Title taken from cover fasc. 1; further details see Sayre].
Ref.: Sayre, G., Mem. New York Bot. Gard. 19(1): 30-32. 1969, 19(2): 222. 1971.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 302; CSP 3: 685; Frank 3(Anh.): 51; GR p. 97; IH 2: 370; Lasègue p. 289, 290; MD p. 170; PR (alph.).
Anon., Flora 15: 669-671. 1832.
Kirschleger, F., Fl. Alsace 2: lxxiv. 1857.

EPONYMY: *Kneiffia* Spach (1835); *Kneiffia* E. M. Fries (1836); *Kneiffiella* Underwood (1897); *Neokneiffia* Saccardo (1898). *Kneiffiella* P. A. Karsten (1889) probably commemorates him.

Kneucker, Johann Andreas ("Andrees") (1862-1946), German high school teacher and botanist at Karlsruhe; from 1905 also curator of KR; botanical explorer of the Near East, especially of the Sinai Peninsula. (*Kneuck.*)

HERBARIUM and TYPES: KR; bryophytes also at H. – The pre-1942 collections at KR were destroyed by fire in 1942 (Bürgelin 1949).
1. Editio Caricum Badensium, Stuttgart 1890-1902, see below under 3.
2. Editio Graminum badensium, Stuttgart 1894.
3. Carices exsiccatae, fasc. 1-13, 1896-1911, nos. 1-390. Sets at B, BERN, H, IBF, K, L, LAU, LE, MANCH, TO, STU, WRSL. (orig. issued 3 fasc., 90 nos. 1890-1892, reissued 1894, then ctd.).
4. Cyperaceae (exclus. Carices) *et Juncaceae exsiccatae*, fasc. 1-9, 1900-1911, nos. 1-270. Sets at B, BM, C, IBF, K, L, LAU, LE, MANCH, SI.
5. Gramineae exsiccatae, fasc. 1-32, 1900-1920, sets at B, BAF, BM, C, GH, H, IBF, K, L, LAU, LE, MANCH, NSW, PR, SI, STU, W.
Ref.: Kneucker, J. A., Bemerkungen zu den "Carices [Cyperaceae, Gramineae, Glumaceae] exsiccatae" in Allg. bot. Z. 1896-1920 (see 3756).

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 71; Backer p. 304; Barnhart 2: 302; BM 2: 997; Bossert p. 214; CSP 16: 335; DTS 1: 154-155, 6(4): 161-162; GR p. 97; Hirsch p. 153; IH 1(ed. 6): 128, 2: 370; SBC p. 124 ("Kneuck."); TL-2/1: see Bauer, E., Buchenau, F.G.P.
Bürgelin, Andreas Kneucker. Ein Lebensbild zu seinem 75. Geburtstag, Karlsruhe i. B. 1937, 15 p. (Beitr. naturk. Forschung Südwestdeutschland 2(1): 1-15. 1937) (portr., bibl.); Ber. Baye. bot. Ges. 28: 299. 1950.
Kneucker, J. A., Bot. Jahrb. 34: 19-21. 1905 (on his travels to Sinai).
Oberdorfer, E., Ber. deut. bot. Ges. 68a: 216. 1956.

COMPOSITE WORKS: (1) *Allgemeine botanische Zeitschrift*, editor, 1895-1927, vols. 1-33. – Published very regularly every month from 1895-1913. The journal is a rich source of information for European floristics with extensive biographical and bibliographical notices, data on series of exsiccatae, etc. The journal appeared "pünktlich am 15. jeden Monats" and for some time played the role played previously by *Flora*.
(2) *Carex*, in Seubert & Klein, *Excursionsflora für das Grossherzogthum Baden*, Stuttgart, ed. 5, 1891, and ed. 6, 1905.

EPONYMY: *Kneuckeria* Schmidle (1905).

3755. *Führer durch die Flora von Karlsruhe* und Umgegend . . . Karlsruhe (Druck und Verlag von J. J. Reiff) 1886. Oct. (*Führer Fl. Karlsruhe*).
Publ.: Mai 1886 (p. v: Apr 1886; Nat. Nov. Jun(1) 1886; J. Bot. Aug 1886; Bot. Zeit. 25 Jun 1886), p. [i]-v, [1, abbr.], [1]-167. *Copies*: B, G, HBG.

3756. *Bemerkungen zu den "Carices exsiccatae"* . . . Karlsruhe i. B. (Verlag von J. J. Reiff) 1896-1911, 13 parts. Oct. (*Bemerk. Carices exs.*).
Publ.: a series of reprints from Allgemeine botanische Zeitschrift für Systematik, . . . vols. 1896-1911. Schedae to accompany the above mentioned exsiccatae.

Lief.	pages	vol. A.b.Z.	pages A.b.Z.
1	[1]-12	1896	2: 24-26, 44-46, 69-71, 88-90, 104-105. 1896.
2	[1]-10	1896, 1897	2: 183-185, 198-199. 1896; 3: 10-12, 26-30. 1897.
3	[1]-10	1897, 1898	3: 177-179, 198-200. 1897; 4: 9-10, 26-28, 60-62. 1898.
4	[1]-8	1898	4: 125-130, 163-166. 1898.
5	[1]-16	1898, 1899	4: 201-202. 1898; 5: 7-11, 26-28, 65-66, 81-82, 99-100, 127-130. 1899.
6	[1]-9	1899	5(Beih. 1): 56-64. 1899.
7	[1]-14	1899	5: 161-166, 177-179, 194-196. 1899; 6: 78, 43-44. 1900.
8	[1]-8	1901	7: 29-36. 1901.
9	[1]-7	1901	7: 51-57, 70. 1901.
10	[1]-7	1901	7: 170-172, 192-195. 1901.
11	[1]-6	1903	9: 50-55. 1903.
12	[1]-6	1904	10: 189-194. 1904
12a	[1]-7	1905	11: 9-12, 32-35. 1905.
13	[1]-6	1911	13: 90-92, 118-121. 1911.

Copy: M. – Similar sets of schedae were published for the *Cyperaceae* (excl. Carices) and the *Gramineae exsiccatae* (details see DTS 6(4): 162).

3757. *Algologische Notizen.* xvi. Diagnosen neuer Algen . . . Karlsruhe i. B. (Verlag von J. J. Reiff) 1905. Oct.
Publ.: Apr 1905, p. [1]-2. *Copy*: M. – Reprinted from Allg. Bot. Z. 1905(4): 63-65. (Contains five new genera. Should be cited from the journal publication).

Knieskern, Peter D. (1798-1871), American botanist and physician; resided in eastern New Jersey 1841-1871. (*Kniesk.*)

HERBARIUM and TYPES: CHRB; further material at B, BR, C, DWC, L, NY, US. – Knieskern's herbarium changed hands several times after his death but was finally acquired by H. H. Rusby who presented it to CHRB in 1928; it was in bad condition and much of it had to be discarded. Part of the material came to NY via Princeton University (inf. D. E. Fairbrothers).
Ref.: Anon., Torreya 28(3): 66-67. 28 Jun 1928.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 302; Bossert p. 214; IH 2: 371; ME 2: 60, 589, 591; Tucker 1: 391.
Barnhart, J. H., *in* Kelly, H. A. & W. L. Burrage, Amer. med. biogr. 669-670. 1920.
Gray, A., Amer. J. Sci. ser. 3. 2: 388-389. 1871.
O.R.W., The Monmouth Democrat, undated clipping at NY ("recollections").
Pennell, F. W., Bartonia 21: 56. 1942.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 1, 486. 1963.

3758. *A catalogue of plants* growing without cultivation *in* the counties of *Monmouth and Ocean*, New Jersey, according to the natural system as presented in the second edition of Gray's Manual of botany, published in the year mdccclvi. . . . Trenton (printed at the "True American" office) 1857. Oct. (*Cat. pl. Monmouth & Ocean*).
Publ.: 1857 (preface: Dec 1856), p. [1]-41. *Copies*: HH, NY. – Published as an appendix to the *Third annual report of the Geological Survey of the state of New Jersey* for the year 1856, Trenton, N. J. 1857. ME (2: 591) mentions also a reprint of 56 p.

Knight, Charles (1818-1891/92), British administrator and botanist (lichenologist) in New Zealand, ultimately auditor general. (*C. Knight*).

HERBARIUM and TYPES: Personal herbarium at WELTU. New Zealand lichens at BM (first set?), B, H, KIEL, LD, NY, SAM,,WRSL; other material also at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 302; BB p. 176; BM 2: 997; CSP 3: 686, 8: 91,

10: 419-420, 16: 336; Desmond p. 363; GR p. 374, cat. p. 66; IH 2: 370; Jackson p. 214; Kew 3: 280; LS 14102-14114, 35471; SBC p. 124 ("Knight").
Sayre, G., Mem. New York Bot. Gard. 19(3): 352. 1975.

EPONYMY: *Knightiella* J. Müller Arg. (1886).

Knight, Joseph (c. 1777-1855), British gardener and nurseryman. (*J. Knight*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 302; BB p. 176; BM 2: 997; Bret. p. 220; Desmond p. 364; Hortus 3: 1197 ("Knight, J."); Jackson p. 141, 308, 410; Kew 3: 281; Langman p. 412; MW p. 236; PR 4744-4745 (ed. 1: 5282); Rehder 5: 459; RS p. 90-91; Tucker 1: 391; Zander ed. 10, p. 678.
Allan, M., Tom's Weeds 15-19. 1970.
Hadfield, M., Gardening in Britain 338-339. 1960.
Harvey, J., Early hort. catal., Bath 1973, p. 12.

3759. *On the cultivation of the plants belonging to the natural order of Proteeae*, with their generic as well as specific characters and places where they grow wild. [London (William Savage)]1809. Qu. (*Cult. Prot.*).
Publ.: Dec 1809, p. [i]-xix, [1]-127, [128, ind.], err. slip. *Copies*: G, NY, USDA. – Preface and frontispiece both dated 1 Aug 1809. This shows that dates on plates are not necessarily dates of publication, since it is unlikely that Knight's preface was dated the day the book appeared. In the preface, Knight says "Perhaps few works have greater claims to originality than the present, not a single line being copied from any other. For the names only of the different Genera, their various authors are quoted, except those of R. A. Salisbury, Esq. whose manuscripts have been found so useful in every sheet." This implies that we have to accept the text as written by Knight himself, the new names "ex" rather than "in". He does in fact credit Salisbury with many names equally with R. Brown, Banks, Linnaeus, etc. See, however, the discussion by Britten (1886) and by Stearn (1960).
Ref.: Britten, J. Bot. 24: 296-300. 1886.
Stearn, W. T., Introduction to R. Brown's Prodromus, p. xxxii, *facsimile* edition Weinheim 1960.

3760. *A synopsis of the coniferous plants* grown in Great Britain, and sold by Knight and Perry, at the Exotic nursery, King's Road, Chelsea. London (Longman, Brown, Green, and Longmans, . . .) s.d. [1850]. Oct. (*Syn. conif. pl.*).
Publ.: 1850, p. [i]-iv, [1]-64. *Copies*: MICH, MO, NY, USDA.

Knight, Thomas Andrew (1759-1839), British horticulturist; president of the [Royal] Horticultural Society 1811-1838. (*T. Knight*).

HERBARIUM and TYPES: Unknown (Knight probably made no herbarium). Manuscripts at Royal Society and in volumes 10-18 of the Banksian correspondence (BM). Letters to J. E. Smith at LINN.
Ref.: Dawson, W. R., Smith papers 60. 1934.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 206; Ainsworth p. 152, 157, 160, 315; Barnhart 2: 303; BB p. 176-177; BM 2: 997; Bossert p. 214; Bret. p. 250; CSP 3: 687-688, 12: 391; Dawson p. 496-509, 906, 941 [index]; Desmond op. 364 (q.v. for many secondary refs.); DNB 31: 263-264; Dryander 3: 621, 5: 86, 97; DSB 7: 408-410; Henrey 2: 476-478, 535, 541, 3: 67 (nos. 904-914); Jackson p. 69; Kew 3: 281; LS 14115-14118; Moebius p. 262, 452; MW p. 236; NI 1072; Plesch p. 289; PR 4746-4747 (ed. 1: 5283-5287); Rehder 5: 459-460; Sotheby 419; Tucker 1: 391-392.
Anon., Gard. Chron. 1877: 169-170, 177. 10 Feb 1877 (portr.); J. Roy. Hort. Soc. 25(3): front. 1901 (portr.).
Bagenal, J. Roy. Hort. Soc. 63: 319-324. 1938.
Britten, J., J. Bot. 69: 77. 1931.
Bull, H. G., Herefordshire Pomona 1: 29-46. 1885 (portr.).

Bunyard, Gard. Chron. 1915: 145-146 (portr.).
Darrow, G. M., The Strawberry 75-78. 1966.
Ewan, J. et al., Short hist. bot. U.S. 63. 1969.
Fletcher, H. R., Story R. Hort. Soc. 1804-1968. 1969 (see index).
Fussell, G. E., More old English farming books, 151. 1948.
Green, J. R., Hist. Bot. U.K. 295-305. 1914.
Knight, T. A., A selection from the physiological and horticultural papers published in the Transactions of the Royal and Horticultural Societies by the late Thomas Andrew Knight, to which is prefixed a sketch of his life (by his daughter, Mrs. Frances Acton), London 1841, xii, 379 p., 7 *pl.* (Editors: G. Bentham & J. Lindley).
Milner, J. D., Cat. portr. Kew 70-71. 1906.
Roberts, H. F., Plant hybridization before Mendel, 1929, New York 1965, p. 370 [index].
Rodgers, A. D., Liberty Hyde Bailey 24, 28, 97, 280, 298. 1949.
Webber, R., and Bessey, Yearb. U.S. Dept. Agric. 1899: 469. 1900 (portr.).
Webber, R., Early horticulturists 115-124. 1968 (portr.).
Wittrock, V. B., Acta Horti Berg. 3(2): 95. 1903.

EPONYMY: *Knightia* R. Brown (1810, *nom. cons.*); *Knightiophyllum* Ettingshausen (1887); *Knightiophyllum* E. W. Berry (1916), *Knightites* Saporta (1861).

3761. *Pomona herefordiensis*: containing coloured engravings of the old cider and perry fruits of Herefordshire. With such new fruits as have been found to possess superior excellence. Accompanied with a descriptive account of each variety, by Thomas Andrew Knight, Esq. . . . London (printed for the Agricultural Society of Herefordshire: and sold by W. Hooker . . .) 1811. (*Pom. hereford.*).
Publ.: 1811, p. [i*], [i]-viii, [1, index], *pl. 1-30* (numbered in index) with 2 (nos. *1, 2, 4, 14, 22, 23, 27*) or 1 p. of text [37 p.]. *Copies*: GB, HH, UC, USDA, WAG. (information D. Johnson (UC) and B. Peterson (GB)). The plates engraved by William Hooker; artists Elizabeth Matthews (27) and Frances Knight (née Felton).

Kniphof, Johann[es] Hieronymous (1704-1763), German botanist, professor of botany at Erfurt (1745-1756). (*Kniph.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 59; Backer p. 304; Barnhart 2: 303; BM 2: 997; Bossert p. 214; Dryander 2: 356, 3: 15, 68, 346, 470, 4: 356, 5: 61; HU 534; Jackson p. 225; Kew 3: 281; Lasègue p. 520; Maiwald p. 279; NI 1073-1076; PR 1263, 4749-4752 (ed. 1: 5289-5294); SO add. 637dd.
Jourdan, A. J. L., Dict. Sci. méd. 5: 442-443. 1822.
Schyra, Beitr. Gesch. Univ. Erfurt 8: 59-82,. 1961 (biogr. details!).
Wittrock, V. B., Acta Horti Berg. 3(2): 133. 1903.

EPONYMY: *Kniphofia* Moench (1794, *nom. cons.*). *Kniphofia* Scopoli (1777, *nom. rej.*) very probably is also dedicated to him.

3762. Facultatis medicae in perantiqua universitate hierana Jo. Hieronymus Kniphof . . . utile et jucundum in materia medica connexum considerans lectori benevolo salutem precatur eundemque ad disputationem inauguralem *de radice Chinae* ejusque limitandis laudibus officiose et decenter invitat. Erfordiae (Stanno Heringiano acad. typogr.) s.d. Qu. (*Rad. Chinae*).
Publ.: 1753, p. [i-viii]. *Copy*: B. – To be considered pre-linnaean.
Ref.: Zuchold, Jahresber. naturf. Ges. Halle 5: 29. 1853.

3763. D. Io. Hieron. Kniphofii . . . *Botanica in originali* seu herbarium vivum in quo plantarum tam indiginarum quam exoticarum peculiari quadam operosaque enchiresi atramento impressorio obductarum nominibusque suis ad methodum illustrium nostri aevi botanicarum Linnaeai et Ludwigii insignitarum elegantissima ectypa exhibentur opera et studio Ioannis Godofredi Trampe typographi halensis . . . Hale magdeburgicae [Halle a. S.] (J. G. Trampe) 1757-1764). 12 Centuries. Fol. (*Bot. orig.*)

Ed. 1: The NY copy of this edition has all 12 centuries bound in four volumes. The plates are alphabetically arranged per volume (3 centuries each), preceded by the title-pages of the centuries: cent. 1-3 have 299; 4-6, 301; 7-9, 302 and 10-12 300 plates, followed by the index universalis (see below). Copies vary. See Fischer for details and location of copies. Not all copies have coloured plates.
A single copy of 1186 plates (PR 4752) dated Erfurt, 2 volumes 1748 and 1749, exists in the Stadt-Bibliothek, Erfurt. Another such preparatory stage, dated Erfurt 1748, changed to 1751, is at the Hunt Botanical Library (HU 534) (590 plates).

Ed. 2: Cent. 1-6 were reprinted on larger paper for new subscribers. Each century has a separate t.p. (nos. ii and iii partly in ink on original cent. i t.p.). The plates are coloured nature prints.
Cent. 1: [i-xxiv], [1]-14, *pl. 1-152* (t.p. counts as plate). 1763.
Cent. 2: *pl. 154-190*. 1763.
Cent. 3: *pl. 191-357*. 1758.
Cent. 4: *pl. 358-435*. 1763.
Cent. 5: *pl. 436-555*. 1763.
Cent. 6: *pl. 556-687*. 1759.
Cent. 7: *pl. 688-722, 724-768*. 1763.
Cent. 8: *pl. 769-813*. 1761.
Cent. 9: *pl. 815-950*. 1762.
Cent. 10: *pl. 951-1082*. 1763.
Cent. 11: *pl. 1083-1143*. 1764.
Cent. 12: *pl. 1144-1213*. 1764.
This is the composition of the *copy* at BR. For variations and full details see Fischer. In general the copies have 1200 pl. (BR copy reaches *pl. 723*).

Index universalis in omnes xii. centurias botanicae in originali d. I. O. Hieron. Kniphofii seu herbarii vivi in quo . . . Halae magdeburgicae (apud Ioanne Godofredo Trampe) 1767. Fol., 14 p. *Copy*: NY.

Ref.: Blunt p. 139, 141; DU 170; Fischer no. 7; HU 534 (extensive details).
Anon., Bull. misc. Inf. Kew 1895: 157 (copy at K, 1201 *pl.*).
Thienemann, Arch. Gesch. Naturw. Techn. 1910: 154-155.

Knoblauch, Emil Friedrich (1864-1936), German botanist. (*Knobl.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 303; BJI 1: 32; BM 2: 998; CSP 16: 338; Kew 3: 281; Langman p. 412; MW p. 236, suppl. p. 166; Rehder 5: 460; Tucker 1: 392.
Anon., Bot. Centralbl. 48: 95. 1891; Chron. bot. 3: 121. 1937 (anon.); Verh. bot. Ver. Brandenburg 77: 138. 1937.
Dolezal, H., Friedrich Welwitsch 197. 1974.

COMPOSITE WORKS: EP, *Die natürlichen Pflanzenfamilien*:
(a) *Oleaceae*, IV. 2: 1-16, publ.: Aug 1892.
(b) *Salvadoraceae*, IV. 2: 17-19, publ.: Aug 1892.

Knoche, [Edward Louis] Herman (1870-1945), American botanist of German descent at Stanford; studied at Stanford 1895-1899; with Charles Flahault at Montpellier 1904-1917, in the United States and travelling until 1945. (*Knoche*).

HERBARIUM and TYPES: DS (126.000 sheets); other material B, CR, K, L, MPU.

NOTE: Knoche was a man of considerable wealth. The Stanford Alumni Directory of 1904 lists him as "capitalist" and "amateur botanist" (Thomas 1959), at a time in which neither of these denominations were derogatory. Knoche brought together a considerable library which contained e.g. the private reprint collection of Adolf Engler, purchased in 1930, (25.000 items). The collection is now part of the Dudley Herbarium library together with

Knoche's herbarium; both are now housed at the California Academy of Sciences, together with but kept separate from the holdings of CAS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 303; BL 1: 88, 304, 2: 490, 675; Bossert p. 214; GR p. 227; IH 2: 371-372; Kew 3: 282; Plesch p. 289.
Ewan, J., *in* Cent. progr. nat. Sci. 53. 1955.
Thomas, J. H., Contr. Dudley Herb. 5(5): 123-127. 1959 (itin., bibl.), 5(6): 158. 1961.

3764. *Flora balearica.* Étude phytogéographique sur les Iles baléares . . . 1921-1923, 4 vols. Oct. (*Fl. baléar.*)

1: 1921 (p. ii: 25 Jun 1921, rd. MO 2 Jun 1922), p. [1]-534, 2 maps.
2: 1922 (rd. 23 Dec 1922), p. [1]-585, 1 chart.
3: 1923 (rd. 14 Dec 1923), p. [i*], [i]-xv, 1-411, 4 charts.
4: 1923 (rd. 18 Apr 1923), front., p. [i], [1-2, list], *pl. 1-47*, maps 3-5.
Copies: MICH, MO, NY, U, US, USDA.
Alph. list of localities: s.d. [1922] cover, p. [25]-45.
Facsimile ed.: Koenigstein (Otto Koeltz) 1974, ISBN 3-87429-061-1, 4 vols. *Copy*: FAS.
Ref.: Anon., J. Bot. 62: 247-251. 1924 (extensive review).
Krause, K., Bot. Jahrb. 59(Lit.): 32. 1924 (review thesis).
Stafleu, F. A., Taxon 24: 160-161. 1975.

3765. *Vagandi mos.* Reiseskizzen eines Botanikers von Dr. Herman Knoche I die Kanarischen Inseln . . . Strasbourg, Paris (Librairie Istra . . .) 1923. Oct. (*Vag. mos.*).
Publ.: 1923, p. [1]-304, frontisp., *pl. 1-24*. *Copies*: L, US.

Knoop, Johann Hermann (± 1700-1769), German born gardener at Marienburg near Leeuwarden, later teacher in mathematics and free-lance publicist. (*Knoop*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Aa 10: 270; BM 2: 998; Dryander 3: 205, 210; DU 171; Hortus 3: 1197 ("Knoop"); HU 620; JW 4: 393; Kew 3: 282; Lasègue p. 541; NI 1077-1080; NNBW 3: 706; Plesch p. 289; PR 4754-4755 (ed. 1: 5299-5300); Rehder 5: 460; Sotheby 420; Tucker 1: 392; Zander ed. 10, p. 678.
Dahl, Sv. pomolog. För. Årsskr. 26(1-2): 34-35. 1925.
Martini, D. Fruitteelt 39: 740-741. 1949 (bibl.).

3766. *Pomologia*, dat is beschryvingen en afbeeldingen van de beste soorten van appels en peeren, welke in Neder- en Hoog-Duitsland, Frankrijk, Engelland en elders geagt zyn, en tot dien einde gecultiveert worden. Beschreven, naar het leven geteekent, en met de natuurlijke coleuren afgezet door Johann Hermann Knoop . . . te Leeuwarden (by Abraham Ferwerda, Boekverkoper) 1758. Fol. (*Pomologia*).

Orig. ed.: 1758 (p. iv: 1 Jun 1758), p. [i-iv], [1]-86, [1, err.], *pl. 1-12, 1-8* (handcoloured copper engr. of plates by author). *Copies*: FAS, L, Teyler, U, UC, USDA.
Ed [2]: s.d. [possibly 1763], type reset, title-page corrected, plates same, "*Pomologia*, . . . zoorten van . . . Hoog-Duitschland, Frankryk, Engeland . . ." te Leeuwarden by A. Ferwerda en G. Tresling, . . . Fol., p. [i], [1]-36, *pl. 1-12, 1-8* (id.). *Copies*: MO, NY, USDA.
Ed. [3]: 1789, new t.p., text as in ed. [2], new preface: "*Beschryving en afbeeldingen van de beste soorten van appelen en peeren*, meest geacht en zorgvuldigst aangekweekt in Duitschland, in Frankrijk, In Engeland, en in de xvii provintien, door Johann Hermann Knoop, met eene voorreden van Johannes Florentius Martinet, . . . te Amsterdam en Dordrecht, by Allart, Holtrop, de Leeuw en Krap" Fol., p. [i]-viii, [1]-36, *pl. 1-12, 1-8* (id.). *Copies*: BR, U.
German ed.: "*Pomologia*, das ist Beschreibungen und Abbildungen der besten Sorten der Aepfel und Birnen . . . aus dem Holländischen in das Deutsche übersetzet von D. Georg Leonhart Huth." Nürnberg, (Verlegts Johann Michael Seligmann und in Leipzig in Commission bey Johann Wendler) 1760. Fol., p. [i-viii], [1]-56, [1-10, ind.], [1, err.], *pl. 1-12, 1-10*. *Copies*: MO, USDA. – The German version was publ. in two parts: p. [1]-24,

NZgS. 4 Sep 1760, rest NZgS. 29 Dec 1760. A second volume with the same title was published by J. C. Zinck, Nürnberg 1766 (plates by J. C. Sänger), see under *Fructologia*.

French ed.: "*Pomologia* ou description des meilleures sortes de pommes et de poires, que l'on estime & cultive le plus, soit aux Pais-Bas, soit en Allemagne, en France, en Angleterre, &c. par Jean Henri Knoop. Avec figures." A Amsterdam (chez M. Magérus, Libraire) 1771. Fol., p. [i], [1]-139 ['339'], *pl. 1-12, 1-8. Copies*: NY, UC (inf. D. E. Johnson), USDA. – See NI 179 and HU 620.

3767. *Fructologia*, of Beschryving der vrugtbomen en vruchten die men in de hoven plant en onderhoud: waarby derzelver differente benamingen, groey-plaatzen, voortteeling, cultuur, en huishoudelijk gebruik, als mede het confyten en meer andere toebereidingen der vrugten, enz., nauwkeurig aangewezen worden. Alles door een veeljarige ondervinding opgestelt, ten dienste en vergenoegen der tuin-liefhebbers, door Johann Hermann Knoop. Met platen, vertonende alle vrugten naar het leven, die in dit werk vervat zijn. Te Leeuwarden (gedrukt by Abraham Ferwerda en Gerrit Tresling, boekverkopers) 1763. Fol. (*Fructologia*).

Orig. ed.: 1763 (p. [iv]: 1 Feb 1763), p. [i-iv], 1-132, *pl. 1-19* (hand-col. copp. author). *Copies*: FAS, UC (*18 pl.*), USDA.

Ed. [*2*]: with undated and corrected t.p., reset text, "*Fructologia*, . . . onderhout; . . . benamingen voortteeling, groei-plaatzen, cultuur, . . ." Te Leeuwarden (by A. Ferwerda en G. Tresling, boekverkopers) s.d. Fol., p. [i.iv], 1-70, *pl. 1-19* (id.). *Copies*: MO, NY, USDA.

Ed. [*3*]: new t.p., text of ed. [2], "*Beschrijving van vruchtboom en vruchten*, die men in hoven plant en onderhoudt, met . . ." Te Amsterdam en Dordrecht (by Allart, Holtrop, de Leeuw en Krop) 1790. Fol., p. [i-iv], 1-70, *pl. 1-19* (id.). *Copy*: BR.

French ed.: "*Fructologie* ou description des arbres fruitiers ainsi que des fruits que l'on plante et qu'on cultive ordinairement dans les jardins avec une explication détaillée de leurs différentes dénominations, de leur païs natal, de leur propagation, de leur culture & de leur usage oeconomique, ainsi que de la manière de confire & des diverses façons de préparer les fruits &c. Le tout demontré par une expérience de plusieurs années, & exposé pour l'utilité & la satisfaction des amateurs du jardinage par Jean Herman Knoop avec figures représentant au naturel toutes les sortes de fruits contenuës dans cet ouvrage." À Amsterdam (chez la veuve K. van Tongerlo & fils) 1768. Fol., [i-iv], 1-205, [1, ind.], *pl. 1-19. Copy*: UC (inf. D. E. Johnson). See also HU 620.

Other Issue: 1771, Amsterdam (Chez M. Magérus, libraire), p. [i], 1-205, [206, ind.], *pl. 1-14. Copy*: USDA.

German ed.: 1766, "*Pomologia*, das ist Beschreibungen und Abbildungen der beste Arten der Aepfel, Birnen, Kirschen une einiger Pflaumen, . . . Zweyter Theil." Nürnberg (Im Verlag der Seligmännischen Erben) 1766. Fol., p. [i-vi], [1]-42, [i-ii], *pl. 1-13, 1-11* (id.). *Copies*: MO, USDA. – New text; *author*: J. C. Zinck, artist J. Ch. Sänger. – Not really a translation of the *Fructologia*.

3768. *Dendrologia*, of beschryving der plantagie-gewassen, die men in tuinen cultiveert, zowel om te dienen tot cieraad, om daar van allées, cingels, heggen, berçeaux, cabinets, pyramiden, plaisier-bosschen, enz., als tot huishoudelijk gebruik, te planten. Waarby derzelver differente benamingen, groey-plaatzen, aankweeking en verdere onderhouding, en vervolgens haar tuin- en huishoudelijke gebruiken, nauwkeurig beschreeven en aangewezen worden. Alles door een eige veeljarige ondervinding, ten dienste en vermaak der tuinbeminnaars opgestelt door Johann Hermann Knoop. Te Leeuwarden (gedrukt by Abraham Ferwerda en Gerrit Tresling, boekverkopers), 1763. Fol. (*Dendrologia*).

Publ.: 1763 (p. [iv]: 1 Mar 1763), p. [i-iv], 1-168, [i-4, ind.]. *Copies*: FAS, UC, USDA.

Ed. [*2*]: without date, t.p. with minor changes, type reset, "*Dendrologia*, . . ." Te Leeuwarden (by A. Ferwerda en G. Tresling, boekverkopers) s.d. Fol., p. [i-iv], [1]-87, [1-2, index]. *Copies*: MO, NY, USDA.

Ed. [*3*]: new t.p., text of ed. [2], "*Beschrijving van plantagie-gewassen*, die men in hoven aankweekt, . . . "Te Amsterdam en Dordrecht (by Allart, Holtrop, de Leeuw en Krap) 1790, p. [i-iv], 1-87, [1-4, ind.]. *Copy*: BR.

3769. *Beschrijving van de moes- en keuken-tuin*, zo van alle vrugten, planten en kruiden die men

in dezelve plant. Als van de Aard-Akkers . . . Door veeljarige ondervinding opgestelt door Johann Hermann Knoop. Hortulanus. Te Leeuwarden, by A. Ferwerda en G. Tresling, Boekverkopers. 1769. Fol. (*Beschr. moes- keukentuin*).
Publ.: 1799, p. [i], 1-235.

Knorr, Georg Wolfgang (1705-1761), German engraver, palaeontologist and art merchant at Nürnberg. (*Knorr*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 16: 326-327; Barnhart 2: 303; Blunt p. 168; BM 2: 998; Bossert p. 215; Dawson p. 187; Dryander 1: 202, 2: 317, 3: 82, 4: 305; DSB 7: 411-413; HU 538; NI 1081-1082; Plesch p. 290; PR 4757 (ed. 1: 5301); Quenstedt p. 238; Rehder 5: 460; Tucker 1: 392.
Meusel, J. G., Lexikon teut. Schriftst. 7: 142.
Nissen, Cl., Philobiblon 6(9): 339. 1933.
Spiess, E., Abh. naturf. Ges. Nürnberg 8: 178-179. 1891.

EPONYMY: *Knorria* Sternberg (1825); *Knorripteris* Potonié (1897).

3770. *Thesaurus rei herbariae* hortensisque universalis, exhibens figuras florum, herbarum, arborum, fruticum, aliarumque plantarum prorsas novas, et ad ipsos delineatas depictasque archetypos nativis coloribus, atque idiomate tam latino quam germanico describens eorundem partes, formam et habitum, nec non usum in officinis pharmaceuticis, vita communi, et medicina, prout Imgula haec nova docvit applicata observatio et archetyporum exacta contemplatio. Apud Georgium Wolfgangum Knorr. mdccl. Allgemeines Blumen-Kräuter-Frucht- und Garten-Buch . . . in Nürnberg bey Georg Wolfgang Knorr. Daselbst gedruckt bey Joh. Joseph Fleischmann. 1750 [-1772], 2 parts. Fol. (*Thes. rei. herb.*).
Publ.: In two parts (bound in two or three volumes), 1750-1772. For a precise collation and bibliographical details see Collins (in Sotheby) and Callery (1976). The total number of plates is *301* on *300* leaves. Some copies have a 1770 t.p. for part 1. The pagination formula below is that of the *copy at BR*. Copies show minor variations.

1: in parts, 1750-1771, p. [i-x], 1-30, 1-26, 1-236, 1-24, 1-54, 1-34, *pl. A, A1-A14, B, B1-B3, C, C1-C2, D, E, E1-E5* [HU: *E1, E1a, E2-E4*], *F, Fa, F1-F10, G, G1-G5, G5a, G5b, G6-G8, H, H1-H10, J, J1-J6, K, K1-K2, K2a, K2b, K3-K6, L, L1-L13, M, M1-M5, N, N1-N12, P, P1-P5, Q, R, R1-R14* [R8 and *R9* on one plate], *R14a, R15-R23, S, S1-S6, S6a, S6-S19, S19a, S20-S23, T, T1-T2, V, V1, W, W1-W11, Z, Z1-Z2*. – *Copies*: B, BR, G, HU.
2: "pars secunda. Apud Georgii Wolfgangi Knorrii haeredes. mdcclxxii . . ." "Gedruckt bey Paul Jonathan Felssecker seel. Wittib. 1772", p. [i-vi], 1-130, [1-22, index], 101 plates numbered: *A1-A9, A9a, A10-A17, B, B1-B4, C, C1-C9, E, F, G, G1, H, I, L, L1-L11, M, M1, M1a, M2-M4, M4a, M5-M6, N, N1-N2, O, O1-O4, P, P1-P4, R, R1-R2, R2a, S, S1-S14, T, T1-T5, V, U1-U2, V2* [bis, with a different ill.; seen only in copy at BR]. *Copies*: BR, G, HU (text incomplete).
1, with 1770 t.p.: ". . . contemplatio. Pars prima. Apud Georgii Wolfgangi Knorrii haeredes mdcclxx . . . erster Theil. Gedruckt bey Paul Jonathan Telssecker. 1770. Fol., portrait author, p. [i-xv], 1-30, 1-26, 1-236, 1-24, 1-54, 1-34, plates as in "1750" issue. *Copies*: NY.
2, with 1772 t.p., plates numbered sequentially: t.p. as 2, above, p. [i-vi], 1-130, [1-17, index], *pl. 1-101*. *Copies*: NY.
Text: Knorr died in 1761; the text is by Philipp Friedrich F. Gmelin (1721-1768) and Georg Rudolf Böhmer (1723-1803).
Plates: for a discussion of the number and numbering of the plates see Collins (Sotheby) and Callery.
Ref.: DU 214; GF p. 62; Sotheby no. 421 (sold £ 8000).
Callery, B. G., Taxon 25(1): 145-150. 1976.

Knowles, George Beauchamp (*fl.* 1829-1852), British surgeon and botanist at the Brimingham School of Medicine. (*G. Knowles*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 304; BB p. 177; BM 2: 999; Desmond p. 364; GF p. 62; Hortus 3: 1197 ("Knowles"); Jackson p. 472; Langman p. 412; MW p. 237, suppl. p. 166-167; NAF ser. 2. 2: 162; NI see sub Bot. Cabin. 2229; Plesch p. 290; PR 4759-4760 (ed. 1: 5302); Rehder 5: 460; Sotheby 423; Zander ed. 10, p. 678.

EPONYMY: *Knowlesia* Hasskarl (1866).

3771. *The floral cabinet*, and magazine of exotic botany, conducted by G. B. Knowles . . . and Frederick Westcott . . . London (William Smith and J. M. Knott) 1837-1840, 3 vols. Qu. (*Fl. cab.*).
Co-author: Frederick Westcott (x-1861).

Vol. 1: in twelve parts Mar 1837-Feb 1838 (t.p.), col. frontisp., p. [i]-viii, [1]-96, *pl. 1-45*.
Vol. 2: in twelve parts Mar 1838-Feb 1839 (t.p.; p. 1: Mar 1838, p. 177: Feb 1839), p. [i]-iv, 1-188, *pl. 46-90*.
Vol. 3: in twelve parts, Mar 1839-Feb 1840, p. [i]-iv, [1]-188, *pl. 91-137*.
Copies: MICH, MO, NY, US, USDA. – The 137 (NI: 138) plates are hand-coloured lithographs of drawings by F. Cameron, A. et W. Green, H. N. Humphreys, R. Mills and Mrs. Withers. – The indexes give in some cases the – only – information on the authorship of some of the articles.

Knowles, Matilda Cullen (1864-1933), Irish lichenologist at the [National] Science and Art Museum in Dublin from 1902. (*M. Knowles*).

HERBARIUM and TYPES: DBN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 304; BL 2: 676 [index]; CSP 16: 347; Desmond p. 365; GR p. 752, cat. p. 66; IH 2: 372; Kew 3: 283; LS suppl. 14343-14346.
Hawksworth, D. L. & M. R. D. Seaward, Lichenology Brit. Isl. 30, 106, 198. 1977.
Mitchell, A bibliography of books . . . relating to Irish lichenology 1727-1970. Galway 1971, p. 34-35.
Praeger, L. C., J. Bot. 71: 230-231. 1933; Irish Naturalist 4(10): 191-193. 1933 (portr.); Botanist in Ireland 78. 1934; Some Irish naturalists 116-117. 1949 (portr.).

3772. *The lichens of Ireland*. Dublin (Hodges, Figgis, & Co.), London (Williams & Norgate) 1929. (*Lich. Ireland*).
Publ.: 25 Jul 1929 (rd by Amer. Ethnol. Library 27 Aug 1929), Proc. r. Irish Acad. 38B(12): [179]-434. *Copies*: MICH, NY, USDA.

Knowlton, Frank Hall (1860-1926), American geologist, taxidermist and botanist at Georg Washington [Columbian] University, D. C. (1887-1896); from 1894 palaeobotanist in the U.S. Geological Survey; Ph. D. George Washington Univ. 1896, D. Sc. 1921. (*Knowlt.*).

HERBARIUM and TPES: US (incl. palaeobotanical material).

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 287; Barnhart 2: 304; BJI 1: 32, 2: 91; BL 1: 132, 172, 304; BM 2: 999, 7: 574; Bossert p. 215; CSP 12: 392, 16: 347-348; DAB (by W. L. Jepson); Hirsch p. 154; IH 2: 238; Kew 3: 283; Langman p. 412; Lenley p. 252-253; LS 14136-14137; NCAB 10: 410; Quenstedt p. 238; Rehder 5: 460; SBC p. 124 ("Knowlt."); Tucker 1: 392.
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Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 444, 450. 1963.
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(2) Fossil plants, *in* T. W. Stanton and J. B. Thatcher, *Geology and palaeontology of the Judith River Beds*, Washington 1905, p. 129-174, *pl. 14-19*.
(3) *A report on the fossil plants of the Payette formation* in Waldemar Lindgren. The mining districts of the Idaho basin, 721-736, *pl. 99-102*.
(4) Ward, L. F., *Guide to the flora of Washington*, editor of ed. 2.
(5) Editor and founder (Sep 1902) of *The Plant World*, 1897-1904.

EPONYMY: *Knowltonella* E. W. Berry (1911).

3773. *A Catalogue of the Cretaceous and Tertiary plants of North America* ... Washington (Government printing office) 1898. Oct. (*Cat. Cret. Tert. pl. N. Amer.*).
Publ.: 1898 (p. 7: 12 Jan 1898; Bot. Zeit. 16 Mai 1899), p. [1]-247. *Copy*: G. – Bull. U.S. Geol. Surv. 152, 1898.

3774. *The Bohemia mining region of Western Oregon* with notes on the Blue River mining region and the structure and age of the Cascade Range by J. S. Diller accompanied by a report on the fossil plants associated with the lavas of the Cascade Range by F. H. Knowlton ... Washington (Government printing office) 1900. Oct. (*Bohemia reg. W. Oregon*).
Co-author: Joseph Silas Diller (1850-1928).
Publ.: 1900, p. [1]-52, *pl. 1-6* with text. *Copy*: USGS. – Reprinted from Ann. Rep. U.S. Geol. Surv. 20(3): 1898-1899.

3775. *Fossil flora of the John Day Basin* Oregon ... Washington (Government printing office) 1902. Oct. (*Fossil fl. John Day Basin*).
Publ.: 1902 (p. 7: 15 Jul 1902), p. [1]-153, *pl. 1-17*. *Copy*: USGS. – Bull. U.S. Geol. Surv. 204, 1902.

3776. *A catalogue of the mesozoic and cenozic plants of North America.* Washington (Government Printing Office) 1919, Department of the Interior, United States Geological Survey, Bulletin 696. (*Cat. mesoz. cenoz. pl. N. Amer.*).
Publ.: Jan 1920 (t.p. 1919; received by Cockerell at Boulder 18 Feb 1920; US copy stamped 5 Mar 1920), p. [1]-815. *Copies*: U, US, USGS; IDC 7298.
Ref.: Cockerell, T. D., Torreya 20: 53-57. 18 Jul 1920.

3777. *The Laramie flora of the Denver basin* with a review of the Laramie problem ... Washington (Government printing office) 1922. Oct. (*Laramie fl. Denver*).
Publ.: 1922, p. [i]-iv, 1-175, *pl. 1-28*. – U.S. Geol. Surv., prof. paper 130.

3778. *The flora of the Denver and associated formations of Colorado* by Frank Hall Knowlton. A. posthumous work edited by Edward Wilber Berry. Washington (United States, Government printing office) 1930. Qu. (*Fl. Denver form.*).
Publ.: 1930, p. [i]-iii, 1-138, *pl. 1-59*, index 134-142. *Copy*: USGS.

Knuth, Paul Erich Otto Wilhelm (1854-1899). German botanist educated at Greifswald; Dr. phil. 1876; high school teacher at Iserlohn 1876, from 1881 at Kiel; author of a Handbuch der Blütenbiologie. (*P. Knuth*).

HERBARIUM and TYPES: Was left at the Real-Gymnasium, Kiel; present location unknown. Material in alcohol at B.

BIBLIOGRAPHY and BIOGRAPHY: ADB 51: 274-275; AG 2(2): 508; Barnhart 2: 305; BFM 2640; BJI 1: 32; BL 2: 53, 676; BM 2: 999-1000; CSP 10: 423; DSB 7: 418-419; DTS 1: 155; Hortus 3: 1197 ("Knuth, P."); Kew 3: 284-285; Langman p. 413; Moebius p. 36, 362; Rehder 5: 460-461; Saccardo 1: 92; SK 1: 286; SO add. 881a; Tucker 1: 393.

A.H., Schr. naturw. Ver. Schleswig-Holstein 12(1): 78-79, 80. 1899.
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I.H.B., Nature 61: 205. 1900.
Knuth, P., Geschichte der Botanik in Schleswig-Holstein, Kiel (Lipsius & Tischer), 1, 1890; 2, 1892; Handbuch der Blüthenbiologie unter Zugrundelegung von Hermann Müller's Werk "Die Befruchtung der Blumen durch Insekten." Leipzig (Wilhelm Engelmann) 1 and 2(1), 1898; 2(2), 1899; 3(1), 1904, 3(2), 1905. (Flower biology was K's main interest; see bibl. in Appel (1900) for a list of his numerous publications on this subject; for review see Gilg, Bot. Jahrb. 26(Lit.): 43. 1899).
Ludwig, Ill. Z. Entom. 4: 365-367. 1899 (portr.).
Wittrock, V. B., Acta Horti Berg. 3(3): 139. 1905.

3779. *Flora der Provinz Schleswig-Holstein*, des Fürstenstums Lübeck, sowie des Gebietes der freien Städte Hamburg und Lübeck. Zum Gebrauch in Schulen und auf Exkursionen . . . Leipzig (Verlag von Otto Lenz) 1887. Oct. (*Fl. Schleswig-Holstein*).
Publ.: 1887, in three parts, p. [i*], [i]-xii, [1]-902, [i]-xxv err. *Copies*: B (orig. covers), BR, G, L, U.
Part 1: Dec 1886-Jan 1887 (cover: 1887; Bot. Zeit. 28 Jan 1887, as of 1886; Nat. Nov. Jan(2) 1887), p. [1]-288.
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Part 3: Nov 1887 (p. x: Jul 1887; Schlesw. Holst. Schulzeit. rev. Nov 1887; Bot. Zeit. 30 Dec 1887), p. 577-902, [1]-xxv, and preface mat. [i*], [i]-xii.
Knuth's *Flora* was simply an enthusiastic but not very critical compilation. It faded towards oblivion after the publication of P. Prahl's *Krit. Fl. Schleswig-Holstein.*
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Pax, F., Bot. Jahrb. 8(Lit.): 174-175. 24 Jun 1887.
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Fischer-Benzon, R. J. D. von, *in* Prahl, Krit. Fl. Schleswig-Holstein 2: 29. 1890.
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Publ.: Mar-Apr 1888 (p. ii: Mar 1888; Bot. Zeit. 27 Apr 1888; Nat. Nov. Apr(3) 1888), p. [i*], [i]-iv, [1]-406. *Copy*: B.

3781. *Flora der nordfriesischen Inseln* . . . Kiel und Leipzig (Verlag von Lipsius & Fischer) 1895. Oct. (*Fl. nordfries. Ins.*).
Publ.: Aug 1895 (p. viii: 13 Mai 1895; Bot. Zeit. 16 Sep 1895; Nat. Nov. Aug(2) 1895), p. [i]-viii, [1-2], [1]-163. *Copies*: B, BR, G, L, M, NY.
Ref.: Buchenau, F. G. P., Bot. Zeit. 54(2): 136-139. 1896.

3782. *Flora der Insel Helgoland* . . . Kiel (Druck von A. F. Jensen) 1896. (*Fl. Helgoland*).
Publ.: Mai-Jun 1896 (Leopoldina rd. 15 Mai-15 Jun 1896; Nat. Nov. Jun(2) 1896), p. [1]-27. *Copy*: MO.

Knuth, Reinhard [Gustav Paul] (1874-1957), German botanist; pupil of Engler; Dr. phil. Berlin 1902; high school teacher at Breslau 1900-1905; at Berlin 1905-1937; research associate at the Botanischem Museum, Berlin-Dahlem. (*R. Knuth*).

HERBARIUM and TYPES: B (26.000); destroyed 1/2 March 1943 together with his library and

manuscripts among which the finished monograph of the Elaeocarpaceae for the *Pflanzenreich*.
Ref.: Melchior, H., Taxon 6: 185-186. 1957.

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Publ.: In five parts (p. 1-160, 15 Dec 1926; 161-320, 10 Mai 1927; 321-480, 1 Oct 1927; 481-640, 15 Nov 1927; 641-768, [i], [iii], 15 Oct 1928), p. [i], [iii], [1]-768, 1 map. *Copies*: U, US. – Repert. Spec. nov. Regni veg. Beihefte Band 43.
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Kny, Carl Ignaz Leopold (1841-1916), German botanist; pupil of A. Braun; Dr. phil. Berlin 1863; professor of botany at the Landwirtschaftliche Hochschule, Berlin from 1868. (*Kny*).

HERBARIUM and TYPES: B; some bryophytes at S-PA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 305; BJI 1: 32; BM 2: 1000; Bossert p. 215; CSP 8: 96, 10: 423, 12: 392, 16: 350; De Toni 1: lxxxi, 4: xxxiv; DTS 1: 155; Frank 3(Anh.): 51; GR p. 97 (sic, two entries, one as "Ludwig"); IH 2: 372; Jackson p. 567 [index]; Kew 3: 285-286; KR p. 356; LS 14142-14160, suppl. 14358; Moebius p. 429; NI 10008n; PR 4761; Rehder 5: 461; SBC p. 124 ("Kny"); Tucker 1: 393.
Anon., Bot. Not. 1916: 196; Generalregister Bot. Not. 1839-1938: 102-103. 1939; Magy. bot. Lap. 15: 311. 1916; Nuova Notarisia 28: 143. 1917.
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EPONYMY: *Knyaria* O. Kuntze (1891).

3784. *Symbola ad hepaticarum frondosarum evolutionis historiam*. Dissertatio inauguralis botanica

quam consensu et auctoritate amplissimi philosophorum ordinis in alma litterarum universitate Friderica Guilelma ad summos in philosophia honores rite capessendos die xvi. m. maii a. mdccclxiii. h.l.q.s. publice defendet auctor Leopoldus Kny vratislaviensis ... Berolini (typis expressit Gustavus Schade). s.d. 1863. Oct. (*Symb. hepat. frond. evol.*).
Publ.: 16 Mai 1863 (t.p.; Flora rd. Aug-Sep 1863), p. [i-iv], [1]-54, [1, theses]. *Copies*: G, MO, NY. – See also Pringsheim, Bot. Jahrb. 4(1): 64-100. 1864.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 22: 240. 29 Jul 1864.
Anon., Bull. Soc. bot. France 11(bibl.); 279-280. 1864.

Kobus, Jan Derk (1858-1910), Dutch botanist, at the Eastern Java Sugar Experiment Station, Pasuruan, Java. (*Kobus*).

HERBARIUM and TYPES: Indonesian material at BO, L, PAS; Dutch material at L, NBV.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 305; Barnhart 2: 305; BL 2: 430, 676; Bossert p. 215; CSP 16: 355; IH 2: 373; JW 2: 194, 3: 357, 5: 244; Kew 3: 286; LS 35489; Rehder 1: 391; SK 1: 286-287.
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Kobuski, Clarence Emmeren (1900-1963), American botanist at the Arnold Arboretum of Harvard University, editor of the *Journal of the Arnold Arboretum* (1949-1958) and of *Sargentia*; Dr. phil. Univ. Washington 1927 (*Kobuski*).

HERBARIUM and TYPES: A.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 305; BJI 2: 92; Bossert p. 215; GR p. 227; Hirsch p. 154; Hortus 3: 1197 ("Kobuski"); IH 2: 373; Kew 3: 286; Langman p. 413; MW p. 237, suppl. p. 170; Roon p. 62; Zander ed. 10, p. 679.
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Koch, Erwin (fl. 1895), German botanist; Dr. phil. Erlangen 1895. (*E. Koch*).

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BILIOGRAPHY and BIOGRAPHY: Barnhart 2: 305; CSP 16: 358; LS suppl. 14382.
Künkele, S., Jh. Ges. Naturk. Württemberg 125: 118, 150. 1970.

3786. *Über die systematische Bedeutung der anatomischen Charaktere der Scrophulariaceen.* Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen Fakultät der Friedrich-Alexanders-Universität Erlangen vorgelegt von Erwin Koch aus Frankenthal ... Frankenthal (Buchdruckerei Louis Göhring & Co.) 1895. Oct. (*Syst. Bedeut. anat. Char. Scroph.*).
Publ.: 13 Mar 1895 (date defense thesis; Bot. Zeit. 16 Mar 1896), p. [i]-xii, [1]-154, [1, cont.]. *Copy*: US.

Koch, Georg Friedrich (1808)-1874), German physician and botanist in the Pfaltz (Dürkheim, Wachenheim, Sembach, Waldmohr). (*G. Koch*).

HERBARIUM and TYPES: Unknown. Some material at MANCH and OXF.

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Koch, Heinrich (*fl.* 1774), Swiss dendrologist. (*H. Koch*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kew 3: 287; LS 14180; Rehder 3: 89, 5: 461.

3787. *Kurze Abhandlung von dem* Oconomischen, medicinischen und mechanischen *Nutzen* und Gebrauch *der innländischen* oder bey uns frey wachsenden *Bäumen und Stauden.* Durch ein Mitglied der öconomischen Gesellschaft in Bern. Bern (gedruckt bey Abraham Wagner) 1774. Oct. (*Abh. Gebrauch Bäum.*).
Publ.: 1774 (p. iv: 1 Mai 1774), p. [i]-iv, [5]-91. *Copy*: USDA.

Koch, Johann Friedrich Wilhelm (1759-1831), German botanist and "Consistorialrath" in Magdeburg. (*J. Koch*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 443; Barnhart 2: 306; BFM 363; BM 2: 1003; PR 4762 (ed. 1: 5306); Rehder 5: 461; SO 764.

3788. *Botanisches Handbuch* für deutsche Liebhaber der Pflanzenkunde überhaupt, und für Gartenfreunde, Apotheker und Oekonomen insbesondere ... Magdeburg (bey Georg Christian Keil) 1797-1798, 2 parts. Oct. (*Bot. Handb.*)

Ed. 1: 1797-1798. *Part 1*: 1797 (p. vi: Apr 1797), p. [i]-xvi, [1]-116, [1-3, abbr., err.]. *Copy*: HH. – *2*: 1798, n.v.
Ed. 2: 1808, 3 parts, "*Botanisches Handbuch* zum Selbstunterricht für deutsche Liebhaber der Pflanzenkunde überhaupt, und für Gartenfreunde, Apotheker, Forstmänner und Oekonomen ins besondere, nach Willdenow's Species plantarum entworfen, und mit einer durchgängigen Bezeichnung der richtigen Aussprache der lateinischen Pflanzennamen versehen ..." Magdeburg (bey Wilhelm Heinrichshofen). Oct.
1: [i]-vii, [viii, err.], [1]-159.
2: [i]-viii, [1]-471.
3: [ii]-vi, [1]-247, *pl. 1-2* (uncol.).
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1(1): 1824, p. [i]-xvi, [1]-125.
1(2): 1824, p. [i]-viii, [1]-535.
2: 1826, p. [i-iv], [1]-189, [1]-128.
3: 1824, p. [i-iv], [1]-211, *pl. 1-2* (uncol.).
Copies: B (parts 2, 3), NY (compl.)

Koch, Karl (*fl.* 1934), German high school teacher and botanist at Osnabrück. (*K. Koch Osnabr.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 31.

3789. *Flora des Regierungsbezirks Osnabrück* und der benachbarten Gebiete ... Osnabrück (Verlag der Rackhortschen Buchhandlung. Druck von Robert Kleinert, Quakenbrück) 1934. Oct. (*Fl. Osnabrück*).

Ed. [*1*]: Aug-Sep 1934 (p. xxv: Ostern 1934; Nat. Nov. Oct 1934), p. [i-v], portr. H. Buschbaum, [vii]-lx, 1-579, [1, err.]. *Copies*: B, FAS, U(2).
Nachtrag: Mitt. naturw. Ver. Osnabrück 23, 1936.
Ed. 2: 1958 (p. xix: Spätherbst 1958) Osnabrück (Verlag der Rackhortschen Buchhandlung. Druck: Meinders & Elstermann). Oct., p. [i]-lv, 1-543. *Copy*: B.

Koch, Karl [Carl] **Heinrich Emil** (1809-1879), German botanist; traveller in the Orient; dendrologist; horticulturist; at Würzburg 1831-1833; Dr. med. Würzburg 1833; at Jena 1835; travelled in the Kaukasus and Central Asia 1837-1838 and 1843-1844; from 1847 botanist ("Adjunkt") at the Berlin Botanical Garden. (*K. Koch*).

HERBARIUM and TYPES: Koch's herbarium was acquired by Berlin (B) in 1913 and was destroyed 1/2 March 1943. A number of duplicates is still extant, among them material collected by Koch himself. Other specimens are at G, H, GOET, LE, MEL, MO, P, W. (See Edmondson and Lack 1977 and Lack 1978).

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COMPOSITE WORKS: Koch contributed to the *Appendix specierum novarum* (1853), the *Appendix generum et specierum novarum* (1854, 1855) and the *Appendix plantarum novarum* (1856, 1857), treated above under Klotzsch (see nos. 3737, 3738, 3740).

HANDWRITING: Candollea 31: 137-138. 1976; Taxon 26: 386. 1977.

3790. Dissertatio inauguralis. *Monographia generis Veronicae* scripsit Carolus Koch, . . . Wirceburgi [Würzburg] (typis Caroli Guilelmi Becker, . . .) 1883. Oct. (*Monogr. Veronic.*).

Publ.: 1883, p. [1]-36. *Copy*: HBG. – Koch took his Dr. med. in Würzburg in 1833 on this dissertation. A trade issue is not known to us. – IDC 951.
Ref.: Rothmaler, W., Mitt. thür. bot. Ver. 41: 55. 1933.

3791. *Das natürliche System des Pflanzenreichs* nachgewiesen in der Flora von Jena . . . Jena (bei Carl Kochhausen) 1839. Oct. (*Nat. Syst. Pflanzenr.*).
Publ.: 1839, p. [i]-iv, [1]-179. *Copy*: NY.

3792. *Beiträge zu einer Flora des Orients*, . . . Halle (Gebauersche Buchdruckerei) 1848-1851, 6 parts. Oct. (*Beitr. Fl. Orient.*)
Publ.: 1848-1851 in six parts; reprinted from Linnaea.

part	repr. pag.	Linnaea	dates (publ. journal)
1	[i], [1]-155	21(3): [289]-384	Jul 1848
		(4): 385-443	Aug 1848
2	157-284	21(5): 609-640	Oct 1848
		(6): 641-736	Jan 1849
3	285-446, *pl. 2*	22(2): 177-256, *pl. 2*	Jun 1849
		(3): 257-338	Jul 1849
4	[i], 447-604	22(5): 597-640	Sep 1849
		(6): 641-752	Dec 1849
5	n.v.	23(5): 577-640	Oct 1850
		(6): 641-713	Jan 1851
6	orig. pagination	24(3): [305]-384	Sep 1851
		(4): 385-480	Nov 1851

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3793. *Hortus dendrologicus*. Verzeichniss der Bäume, Sträucher und Halbsträucher, die in Europa, Nord- und Mittelasien, im Himalaya und in Nordamerika wild wachsen und möglicherweise in Mitteleuropa im Freien ausdauern; nach dem natürlichen Systeme und mit Angabe aller Synonyme, so wie des Vaterlandes, aufgezählt und mit einem alphabetischen Register versehen . . . Berlin (bei F. Schneider & Comp.) 1853. (*Hort. dendrol.*).
Publ.: 1853 (p. xvi: 24 Oct 1852), p. [ii-iii], [v]-xvi, [1]-354. *Copies*: L, MO, NY, US, USDA (orig. covers of sections). – Title also in latin (p. iii): "*Hortus dendrologicus*. Indices in usum botanicorum . . ."
Sectio 1: [i]-xvi, [1]-194, *publ.*: Jan 1853 (Flora rd. 28 Feb 1853, p. xvi: 24 Oct 1852).
Sectio 2: 195-354, *publ.*: 1854 (BSBF Nov-Dec 1854; cover: 1854).

3794. *Dendrologie*. Bäume, Sträucher und Halbsträucher, welche in Mittel- und Nord-Europa im Freien kultivirt werden. Kritisch beleuchtet von Karl Koch, . . . Erlangen (Verlag von Ferdinand Enke) 1869-1873, 2 vols (in 3). Oct. (*Dendrologie*).

Vol. 1: Jan 1869, p. [i]-xviii, [1]-735.
Vol. 2(1): Dec 1872, p. [i], [1]-665.
Vol. 2(2): Nov 1873, p. [i], [1]-424.
Copies: G, MICH, MO, NY, U, US, USDA.
Ref.: Ascherson, P. F. A., Bot. Zeit. 27: 362-368. 28 Mai 1869.
Bourdeille, Bull. Soc. imp. Natural. Moscou ser. 2. 14: 492. 1900.
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3795. *Appendix plantarum novarum* vel minus cognitarum quae in horto regio botanico be-

rolinensi coluntur 1871. [Typis C. Feisteri (L. Mewesii) Berolinensis] 1872]. Qu. (*App. pl. nov.*)
Co-authors: Alexander Carl Heinrich Braun (1805-1877); Paul Friedrich August Ascherson (1834-1913); Carl David Bouché (1809-1881).
Publ.: Shortly after 30 Apr 1872 (see p. 10), p. [1]-10. *Copies*: G, HH. – Issued as a separately paged appendix to the *Index seminum* in horto botanico berolinensi anno 1871 collectorum (itself p. [1]-19).

3796. Appendix quarta ad indicem seminum horti berolinensis anni 1873. *Conspectus generum et subgenerum Bromeliacearum* Germine supero aut seminifero praeditarum adjectis observationibus de speciebus novis nonnullis hujus ordinis auctore C. Koch [Typis C. Feisteri (L. Mewesii Berolinensis) 1874]. Qu. (*Consp. Bromel.*)
Publ.: 1874, p. [1]-7. *Copy*: HH. – A note on p. 20 of the *Index seminum* itself states that appendix 4 was not yet ready when the seed list was published (early 1874) but would be distributed later and separately.

3797. *Vorlesungen über Dendrologie.* Gehalten zu Berlin im Winterhalbjahr 1874/75 ... Stuttgart (Verlag von Ferdinand Enke) 1875. Oct. (*Vorles. Dendrol.*).
Publ.: 1875 (p. viii: Mai 1875), p. [i]-xxiv, [1]-408. *Copy*: M.

3798. *Die Bäume und Sträucher des alten Griechenlands* ... Stuttgart (Verlag von Ferdinand Enke) 1879. Oct. (*Bäum. Griechenl.*).
Preface: Carl August Bolle (1821-1909; gives a brief biography), and Johann Gottfried Wetzstein (1815-1905).

Ed. [*1*]: 16 Oct-15 Nov 1879 (p. xx: 16 Oct 1879; Nat. Nov. Nov 1879; Bot. Zeit. 16 Jan 1880), p. [i]-xx, [1]-270. *Copies*: MICH, NY.
Ed. 2: Sep 1883 (Nat. Nov. Sep 1883; Bot. Zeit. 28 Sep, 26 Oct 1883; t.p. 1884), p. [i]-xx, [1]-270. *Copies*: MO, USDA, [279 p. USDA]. – Berlin (Verlag von R. Jacobsthal) 1884. Oct.

Koch, Wilhelm Daniel Joseph (1771-1849), German physician and botanist; Dr. med. Giessen 1794; practiced at Kaiserslautern from 1797 until 1824, then professor of botany at Erlangen. (*W. Koch*).

HERBARIUM and TYPES: The type herbarium of the *Synopsis* was acquired by Suringar and is now at L. The non-German part of the herbarium is at ER. Other material at G.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 8: 288. 1850, 25: 336, 359-360. 1867. Haussknecht, H. K., Flora 56: 403, 405. 1873.

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Anon., Bot. Not. 1844: 175, 1850: 40; Festschrift z. 50. j. Doktorsjubiläeum (*n.v.*, see Flora 27: 470, 526. 1844); Bot. Zeit. 7: 910. 1849; 29: 143-144. 1871.
A.S., Bot. Zeit. 8: 26-29. 1850.
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Fürnrohr, A. E., Flora 32: 689, 712-720. 1849 (bibl.); 33: 208, 352. 1850, 34: 64. 1851, 35: 143. 1852.
Hausmann, F., Fl. Tirol 3: 1181. 1854.
Hooker, W. J., J. Bot. Kew Gard. Misc. 2: 94, 287. 1850.
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Pax, F., Grundz. Pflanzenverbr. Karpathen 50. 1898 (Veg. Erde 2(1)).
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Stafleu, F. A., Regn. veg. 71: 339 [index]. 1970.

COMPOSITE WORKS: (1) Contributed to J. Sturm, *Deutschlands Flora*, I. Abtheilung, text for Hefte 63, 64, 66, 67, 68, 70, 72, 73, 74, 75-76, 79-80, 83-84, 87-88, 89-90, 91-92.
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HANDWRITING: Candollea 31: 139-140. 1976.

EPONYMY: *Kochia* A. W. Roth (1801). *Note*: *Kochiophyton* Schlechter ex Cogniaux (1906) is dedicated to Theodor Koch-Grünberg (*fl.* 1903-1913), traveller and collector in South America. *Kochisporites* J. B. Urban (1971) is dedicated to Donald Koch, American geologist.

3799. *Catalogus plantarum*, quas in ditione florae palatinatus legerunt G. Koch et J. B. Ziz, in amicorum usum conscriptus. Moguntiae [Mainz] 1814. Oct. (in fours). (*Cat. pl.*).
Co-author: Joahnn Baptist Ziz (1779-1829).
Publ.: 1814 ("vorgelegt" 4 Feb 1819, cf. Flora 2: 121), p. [1]-24. *Copy*: G.

3800. *Generum tribuumque plantarum Umbelliferarum nova dispositio*, . . . [Breslau 1824]. Qu. (*Gen. pl. Umbell.*).
Publ.: 1824 (journal rd. by Flora before 28 Oct 1824), p. [i], 57-156, err. slip., *3 pl.* (partly col. liths. Bischoff). *Copies*: G, L. – Nova Acta Leop. 12(1): 55-156. 1824.
Ref.: Anon., Flora 7: 640. 28 Oct 1824, 8: 387-388. 1825.
Zuchold, E. A., Jahresber. nat. Ver. Halle 5: 29. 1853.

3801. *De Salicibus europaeis* commentatio. Auctore G. D. I. Koch . . . Erlangae (sumtibus Caroli Heyderi) 1828. Oct. (*Salic. eur.*).
Publ.: 1828 (Flora rd. Oct-Dec 1828), p. [i], [1]-64, [1-2, ind.]. *Copies*: BR, G, M, MICH, MO, NY, WU, U, USDA.
Ref.: Anon., Flora 13(1) Erg. Bl. 36-46. Jan-Mai 1830.
Bourdeille, Bull. Soc. imp. Natural. Moscou ser. 6: 371. 1893.

3802. *De plantis labiatis*. Programma . . . Erlangae (Typis Jungeanis) 1833. Qu. (*Pl. labiat.*).
Publ.: 1833 (rd. Flora 15 Jan 1834), p. [1]-15. *Copies*: G, M, MO, NY, Regensburg.

3803. *Synopsis florae germanicae et helveticae*, exhibens stirpes phanerogamas rite cognitas, quae in Germania, Helvetia, Borussia et Istria sponte crescunt atque in hominum usum copiosus coluntur, secundum systema Candolleanum digestas, praemissa generum dispositione, secundum classes et ordines systematis Linnaeani conscripta: . . . Francofurti ad Moenum [Frankfurt a. M.] (Sumptibus Friederici Wilmans) [1835-] 1837-1838. Oct. (*Syn. fl. germ. helv.*).

Ed. 1, vol. 1: [i]-lx, [1]-844. *Copies*: G, MICH, MO, NY; IDC 5985.
Index generum, specierum et synonymorum, ib. 1838, p. [i], [1]-102. *Copies*: G, MICH. – [Octavo in fours].

section	pages	title-page date	dates of receipt by Hinrichs
1	[1]-352	1835	25-26 Apr 1836 [sic]
2	353-844, [i]-lx	1837	1-7 Oct 1837
index	[i], [1]-102	1838	25 Nov-1 Dec 1838

Ed. 2 [part 1:] Francofurti ad Moenum (sumptibus Friderici Wilmans) 1843-1845. Oct. *Copies*: G, MICH, NY, U; IDC 7328.
Pars prima: 19-21 Jun 1843 (Hinrichs), p. [i*, gen. t.p.], [i]-lx, [1]-452.
Pars secunda: Nov 1844, p. [i-iii], [451, sic: 451-452 double]-964. – Lipsiae [Leipzig] (sumptibus Gebhardt et Reisland).
Pars tertia: 17-20 Sep 1845 (Hinrichs), p. [i], 963 [sic, 963-964 double]-1164. – Lipsiae (id.).

Ed. 3: Lipsiae [Leipzig] (sumptibus Gebhardt et Reisland) [1856-] 1857. Oct. *Copies*: MICH, MO(2), NY, USDA.
Pars 1: Sep-Oct 1856 (received by BSBF Oct 1857; Schlechtendal rev. Bot. Zeit. 3 Oct 1856), p. [i]- lviii, [1]-400.
Pars 2: 1857, p. [i, iii], [401]-875.
Ref.: Wimmer, C. F. H., Jahrb. wiss. Kritik 1838(1): 372-376, 377-383, 385-392, 393-396. Mar 1838 (fundamental criticism of ed. 1).
Schlechtendal, D. F. L. von, Bot. Zeit. 1: 778-783 (10 Nov 1843), 796-799 (17 Nov 1843) (ed. 2, 1); 4: 392-393 (5 Jun 1846) (ed. 2, 2& 3).
Fuchs, H. P., Beih. Nova Hedwigia 3: 90. 1962.

3804. *Synopsis der deutschen und schweizer Flora*, enthaltend die genauer bekannten Pflanzen, welche in Deutschland, der Schweiz, in Preussen und Istrien wild wachsen und zum Gebrauche der Menschen in grösserer Menge gebauet werden, nach dem De Candolleschen Systeme geordnet, mit einer vorangehenden Uebersicht der Gattungen nach den Classen und Ordnungen des Linneischen Systemes, ... Frankfurt am Main (Im Verlage von Friedrich Wilmans) 1838. Oct. (*Syn. deut. schweiz. Fl.*).

Ed. 1: in two parts, 1837-1838. *Copies*: MO, U. – *Dates*: receipt by Hinrichs:
1: 26 Nov-2 Dec 1837, p. [i]-lxvi, [1]-...
2: 15-21 Apr 1838, p. ...-840.
Index: *Register der Gattungen, Arten und Synonyme*. Publ. 25 Nov-1 Dec 1838, p. [i], [1]-101, [102, Oct.].
Ed. 2: in seven parts 1846-1847 (erster Theil 1-460, zweiter Theil 461-1210). *Copy*: MO. *Dates*: id.
1: 2-4 Apr 1846, p. [i]-xlviii, [1]-124.
2: 15-17 Jun 1846, p. 125-
3: 23-26 Jul 1846, p. ...-460.
4: 15-17 Oct 1846, p. [461]-636.
5/6: 21 Dec 1846, p. 637-994.
7: 1-3 Jul 1847, p. 995-1210.
Imprint: Leipzig (Verlag van Gebhardt & Reisland) 1846. Oct.
Ed. 3: "... neuarbeitete Auflage. In Verbindung mit namhaften Botanikern herausgegeben von Professor Dr. E. Hallier, fortgesetzt von [1, 2:] R. Wohlfarth [3:] A. Brand..." Leipzig (O.R. Reisland) 1892-1907, 3 vols. Oct.
Editors: Ernst Hallier (1831-1904), Rudolf Wohlfart (1830-?), August Brand (1863-1930).
1: [i]-viii, [1]-997 (p. viii: 28 Jul 1892).
2: [i-iii], [999]-1990.
3: [i]-vi, [1, cont.], 1991-3094 (p. vi: Dec 1906).

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1	1	[1]-160	Feb 1890
	2	161-320	Nov 1890
	3	321-480	Jul 1891
	4	481-640	Dec 1891
	5	641-800	Mar 1892
	6	801-960	Jun 1892
1, 2	7	961-997/[999]-1110, [i]-viii	Aug 1892
2	8	1111-1270	Oct 1893
	9	1271-1430	Aug 1895
	10	1431-1590	Feb 1897
	11	1591-1750	Sep 1900
	12	1751-1910	Sep 1901
2, 3	13	1911-1990/1991-2070, [i], [iii]	Apr 1902
3	14	2071-2230	Jan 1903
	15	2231-2390	Nov 1903
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The dates are those given by Chiovenda, Flora delle Alpi Lepontinae 1: 134-137. 1906, confirmed by Briquet and Burnat on the basis of invoices (see copy G). The G copy has all original covers. The dates of receipt by Naturae Novitates and Bot. Zeit. are often in complete agreement, but for a few fascicles they are 2-5 months later.
Ref.: Koehne, B. A. E., Bot. Zeit. 51(2): 262-266. 1893 (ed. 3).

3805. *Taschenbuch der deutschen und schweizer Flora*, enthaltend die genauer bekannten Pflanzen, welche in Deutschland, der Schweiz, in Preussen und Istrien wild wachsen und zum Gebrauche der Menschen in grösserer Menge gebauet werden, nach dem DeCandollischen Systeme geordnet, mit einer vorangehenden Uebersicht der Gattungen nach den Classen und Ordnungen des Linneischen Systemes, . . . Leipzig (Verlag von Gebhardt und Reisland) [1843] 1844. Oct. (*Taschenb. deut. schweiz. Fl.*).

Ed. 1: 26-28 Oct 1843 (see TL-1/605; t.p. 1844), p. [i]-lxxxii, [1]-604. *Copies*: B, G, M, MICH, NY, US.
Ed. 2: 9-12 Feb 1848 (Hinrichs), p. [i]-lxxxiv, [1]-604. *Copy*: MO. – "Zweite unveranderte Auflage," Leipzig (id.) 1848. Oct.
Ed. 3: 22-25 Oct 1851 (Hinrichs; Bot. Zeit. 28 Nov 1851), p. [i]-lxxxiv, [1]-604. *Copies*: NY, Regensburg. – "Dritte Auflage." Leipzig (id.) 1851. Oct.
Ed. 4: 1856, p. [i]-lxxx, [1]-583, [584, err.]. *Copies*: B, BR, G, M, NY, Regensburg. – "Vierte Auflage." Leipzig (id.) 1856. Oct.
Ed. 5: 1860, p. [i]-lxxx, [1]-583. *Copies*: L, M, NY. – "Fünfte Auflage." Leipzig (id.) 1860. Oct.
Ed. 6: Jun-Jul 1865 (Flora 22 Jul 1865 "Neuigkeit", Bot. Zeit. 7 Jul 1865 (rev.)), p. [i]-lxxx, [1]-583. *Copies*: B, M, NY. – "Sechste Auflage." Leipzig (id.) 1865. Oct.
Ed. 7: "*Taschenbuch* . . . bekannten Phanerogamen und Gefässcryptogamen welche im Deutschen Reich, incl. Elsass, Lothringen und Posen, in der Schweiz, in Deutsch-Oesterreich und in Istrien wild wachsen, und zum Gebrauche der Menschen in grösserer Anzahl gebauet werden, nach dem natürlichen System geordnet, mit einem vorangehenden Schlüssel zur Aufsuchung der natürlichen Familien nach der Original-Ausgabe von Dr. Wilh. Dan. Jos. Koch und mit werthvollen Beiträgen aus dessen Nachlass versehen sowie mit Unterstützung zahlreicher Deutscher Floristen dem gegenwärtigen Standpunkt der Botanik gemäss gänzlich umgearbeitet von Ernst Hallier." Leipzig (Fues's Verlag (R. Reisland)) 1878. Oct.
Editor: Ernst Hallier (1831-1904).
Publ.: Apr 1878 (Ö.b.Z., Flora and Bot. Zeit.), p. [i*], [i]-xvi, [1]-802. *Copies*: B, G, M, MO, NY, Regensburg.
Note: Stein 1878, on Hallier's Neubearbeitung: "das Gute davon ist nicht neu und das Neue nicht gut." Hallier announced the 7th edition as "dem gegenwärtigen Standpunkte der Botanik gemäss gänzlich umgearbeitet." "Eine reine Buchdruckerspekulation" (Stein).
Ed. 8: Mai 1881 (p. ii: Jan 1881; Nat. Nov. Mai 1881; Bot. Zeit. 27 Mai 1881), p. [i*], [i]-lxxiii, [1], [1]-802. *Copies*: B, L, M, NY.
"Achte Auflage. Neu herausgegeben von Ernst Hallier. Zweite durch den Linné'schen Schlüssel vermehrte Stereotyp-Auflage." Leipzig (id.) 1881. Oct.

Ref.: Ascherson, P. F. A., Bot. Zeit. 36: 729-735, 743-752. 1878.
Stein, Österr. bot. Z. 28: 240-243. 1878.

Koehler, Alexander Daniel (1762-1828), [fictitious] German botanist stated to have worked with Mutis in Colombia and to have travelled in Brazil, Peru and Chile.

NOTE: One of the fictitious botanists created by an unknown contributor to Appleton's Dictionary of American Biography (ca. 1890) and cited by Barnhart as such (1919). Among the books cited for him are a *Flora brasiliensis* (4 vols., Berlin, 1821-1823), a *Flora venezuelensis* (4 vols., 1822), *Genera et species palmarum* (Stuttgart 1825), all obviously inspired by von Martius (1794-1868), and *Conspectus polygalorum florae Brasilicae meridionalis* (2 vols., Berlin 1827), inspired by Auguste de Saint-Hilaire (1799-1853).
Ref.: Barnhart, J. H. J. New York Bot. Gard. 20: 174-175. 1919.

Köhler, Hermann Adolph (1834-1879), German botanist. (*Köhl.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 434, 1809, 1892: BM 2: 1005; GF p. 62; Langman p. 415; ME 2: 542; NI 1085.

EPONYMY: *Neokoehleria* Schlechter (1912) is dedicated to E. (or H?) Koehler (*fl.* 1906-1913), orchid collector in Peru.

3806. *Köhler's Medizinal-Pflanzen* in naturgetreuen Abbildungen mit Kurz erläuterndem Texte. Atlas zur Pharmacopoeia germanica, austriaca, belgica, helvetica, hungarica, rossica, suecica, neerlandica, british pharmacopoeia, zum Codex medicamentaricus, sowie zur Pharmacopoeia of the United States of America. Herausgegeben von G. Pabst . . . Gera-Untermhaus (Verlag von Fr. Eugen Köhler) [1883-] 1887 [-1898], 3 vols. (*Med.-Pfl.*).
Editors: (1, 2): Gustav Pabst (x-1911), (3): Max Adalbert Theodor Eugen Vogtherr (1850-1915); collaborator (3): Robert Louis August Maximilian [Max] Gürke (1854-1911); collaborator (2): Fritz Elsner (at Schönefeld-Leipzig).

1: Lieferung 1-24, Jun 1883-Feb 1887, p. [i]-viii, *plates* (with text) *1-14, 14a, 15-61, 61(i)-79(i, ii, iii), 80-84*, in all 88 pl., (col. liths.).
2: Lieferung 25-50, Jun 1888-Aug 1890, p. [i-v], [1]-54, *pl.* (id.) *85-92(ii, iii), 93-109, 110(i), 110-156, 157(i, ii), 158-170, 170a, 171-194*, [index 1-58].
3: Lieferung 1-20, 1896-1898, p. [i*-v*], [i]-xxxiv, [1], *pl.* (*id.*): *1-80*.
"III. (Ergänzungs-) Band. *Neueste Medizinalpflanzen* und Verwechselungen mit 80 Tafeln in Farbendruck. Bearbeitet von Dr. Max Vogtherr in Berlin, under Mitwirkung von Dr. M. Gürke, . . ." Gera-Untermhaus (Druck und Verlag von Fr. Eugen Köhler) s.d.
4: iv. (Erganzungsband II) bearbeitet von G. Schellenberg und W. Brandt, Gera-Untermhaus, 1913-1914, n.v., published in parts.
Copies: B, BR, MO (original covers). – Published in parts of 4 pl. each, which can be dated from notes in Nat. Nov. and Bot. Zeit. The plates are of drawings by Walther Müller and C. F. Schmidt.
Reprint: (vols. 1, 2): Berlin-Lichterfelde (Bermühler) 1923 (n.v.).

Koehne, Bernhard Adalbert Emil (1848-1918), German botanist and dendrologist; Dr. phil. Berol. 1869; participated as "Vizefeldwebel beim Alexander Regiment" in the Battle of Gravelotte (18 Aug 1870); teacher at the Friedrich-Werderschen Gewerbschule 1872-1880; from 1880 at the then new Falk-Realgymnasium, both in Berlin; professor's title 1891; from 1913 retired; one of the founders (1881) of the Deutsche botanische Gesellschaft. (*Koehne*).

HERBARIUM and TYPES: B (22.000). Exsiccatae: *Herbarium dendrologicum adumbrationibus illustratum*, nos. 1-565, 1896-1905, sets at B, BM, C, G, GB, M, MANCH, OXF, S, STU, UPS, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 107; Barnhart 2: 308; BJI 1: 33, 2: 92; BM 2: 1005; Bossert p. 216; Clokie p. 194; CSP 8: 103, 12: 398, 16: 366-367; DTS 6(4): 163; Hortus 3: 1197 ("Koehne"); IH 2: 374-375; Jackson p. 372; Kew 3: 289-290; Langman p. 415; MW p. 239-241; NAF 28B(2): 340; PR 4778; Rehder 5: 464; TL-2/1: 1713; Tucker 1: 395-396; Urban-Berl. p. 364; Zander ed. 10, p. 679.
Anon., Bot. Not. 1918: 296; Mitt. deut. dendr. Ges. 1917: 248 (portr.; vice-president since 1896).
Harms, H. A. T., Ber. deut. bot. Ges. 36: (73)-(89). 1919 (portr., bibl.).
Koehne, B. A. E., Deut. Gärtnerzeit. (Moeller) 11(26): 306-307. Aug 1896 (portr., autobiogr.; fide Harms 1919).
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 177. 1947.
Urban, I., Fl. bras. 1(1): 181-182. 1906 (orig. biogr. inf.).

COMPOSITE WORKS: (1) Engler, *Pflanzenreich*, *Lythraceae*. Heft 17, publ. 9 Oct 1903 (Nat. Nov. Nov(1, 2) 1903). Nachträge Jun 1908, 37 p. (repr. from Bot. Jahrb.) (TL-2/1713).
(2) Eichler, *Blüthendiagramme* 2: 179-180. 1878, inf. on *Lythraceae*.

(3) EP, *Die natürlichen Pflanzenfamilien*, ed 1, *Lythraceae*, III. 7: 1-16, publ. Jun 1892. (suppl.: Nachtr. 2-4(1): 260-261. Oct 1897; l.c. (2): 48. 8 Oct 1900).
(4) Martius, *Flora brasiliensis*, *Lythraceae*, 13(2): 185-370, *pl. 39-67*. 1 Oct 1877.
(5) Just's *Botanischer Jahresbericht*, editor, 1883-1897.
(6) Warming, *Symbolae*, 38, *Lythraceae*, p. 46-48, publ. 3 Mai 1892.

EPONYMY: *Koehneago* O. Kuntze (1891). *Koehneola* Urban (1901) is probably also dedicated to him.

3807. *Über Blüthenentwicklung bei den Compositen.* Botanische Inaugural-Dissertation, zur Erlangung der Doctorwürde in der philosophischen Facultät der Friedrich-Wilhelms-Universität zu Berlin genehmigt und öffentlich zu vertheidigen am 26. Juli 1869 von Emil Koehne aus Schlesien . . . Berlin (Druck von Gustav Schade . . .) s.d. [1869]. Oct. (*Bl.-Entw. Compos.*).

Thesis ed.: 26 Jul 1869 (t.p.; Bot. Zeit. 6 Aug 1869; Flora rd. 20 Jul-20 Aug 1869); p. [i-iii], [1]-71, [72, theses], *pl. 1-3* (uncol. liths. author). *Copy*: B.
Trade ed.: 26 Jul-16 Aug 1869 (BSbF rd. 10 Jul-16 Aug 1869), p. [i-iii], [1]-71, *pl. 1-3* (id.). *Copies*: L, M, NY. – ". . . Botanische Inaugural-Dissertation, zur Erlangung der Doctorwürde in der Philosophie vorgelegt der philosophischen Facultät der Friedrich-Wilhelms-Universität zu Berlin . . ." Berlin (Verlag von Th. Chr. Fr. Enslin. (Adolph Enslin)) 1869.
Koehne equated the pappus of the Compositae with the calyx.
Ref.: Anon., Flora 52: 384, 398, 430. 1869; Bull. Soc. bot. France 16(bibl.): 109. 16 Aug 1869.

3808. Appendix altera ad indicem seminum in horto botanico berolinensi anno 1873 collectorum. *Americani generis Cupheae species* quae in hortis coluntur in ordine systematico enumerantur ab Aemilio Koehne, adiecto synonymorum indice alphabetico [Typis C. Feisteri (L. Mewesii) Berolinensis 1874). Qu. (*Amer. Cuph. sp.*)
Publ.: 1874, issued separately and later than the 1873 seed list; the latter publ. early 1874; p. [1-2]. *Copies*: HH, U.

3809. *Lythraceae monographice describunter* ab Aemilio Koehne. Partes quatuordecim ex "Engler's Botanische Jahrbücher". Vol. 1-7 seorsim impressae. Index repertur in ultima pagina. Lipsiae. 1880-1885. Oct. (*Lythrac. monogr. descr.*)
Publ.: A series of reprints from Bot. Jahrb., with independent and original pagination, p. [i], [1]-485, Map.

part	Bot. Jahrb.	dates
1	1: [142]-178	30 Jul 1880
2	[240]-266	12 Oct 1880
3	305-335	24 Jan 1881
4	36-458	5 Apr 1881
5	2: 136-176	14 Jun 1881
6	395-429	3 Feb 1882
7	3: 129-155	9 Jun 1882
8	319-340	18 Aug 1882
9	341-352	13 Oct 1882
10	4: 12-37	22 Mar 1883
11	386-431	28 Aug 1883
12	5: [95]-132	4 Mar 1884
13	6: 1-48	24 Oct 1884
14	7: 1-61	3 Nov 1885
	8: 244-246	15 Feb 1887

Copies: BR, G. – Parts 1-11 were issued together in reprint form, Apr 1884. Part 12: Dec 1884 (48 p.).

3810. *Die Gattungen der Pomaceen* . . . Berlin (R. Gaertners Verlagsbuchhandlung Hermann Heyfelder.) 1890. Qu. (*Gatt. Pomac.*).

Publ.: 6 Apr 1890 (Bot. Zeit. 25 Apr 1890; Nat. Nov. Apr(2) 1890; Bot. Jahrb. 24 Jun 1890; Flora rd. 5 Jul 1890; inf. John W. Landon), p. [1]-33, *pl. 1-2* (uncol. liths.). *Copy*: M. – Wissenschaftliche Beilage zum Program des Falk-Realgymnasiums zu Berlin. Ostern 1890. (Programm nr. 95). For further notes on this subject see Humboldt, Jul 1890: 217-218 and Gartenflora 40: 4-7, 35-38, 59-61. 1891.
Ref.: Anon., Flora 73: 277. 5 Jul 1890.

3811. *Deutsche Dendrologie.* Kurze Beschreibung der in Deutschland im Freien aushaltenden Nadel- und Laubholzgewächse zur schnellen und sicheren Bestimmung der Gattungen, der Arten und einiger wichtigeren Abarten und Formen . . . Stuttgart (Verlag von Ferdinand Enke) 1893. Oct. (*Deut. Dendrol.*).
Publ.: Mai 1893 (p. x: Apr 1893; Nat. Nov. Mai(2) 1893; Bot. Zeit. 16 Jun 1893), p. [i]-xvi, [1]-601, [602, list], fig. 1-100 (by author). *Copies*: M, MO, NY, US, USDA.
Ref.: K.G., Flora 77: 216. 15 Jun 1893.
Solms, H., Bot. Zeit. 51: 361-362. 1 Dec 1893.
Gürke, R. L. A. M., Bot. Jahrb. 17(Lit.): 33-34. 29 Sep 1893.

3812. *Philadelphus* . . . [Stuttgart 1896]. Oct. (*Philadelphus*).
Publ.: 1896 (Bot. Zeit. 1 Jul 1897), p. [1]-12. *Copy*: M. – Reprinted from Gartenflora 1896: 450-461.

Kölbing, F, W. (x-1840), German bishop of the Herrnhut Moravian society at Gnadenfeld, Schlesien. (*Kölb.*)

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 308; BM 2: 1005; CSP 3: 714; DTS 1: 159; PR 4779 (ed. 1: 5318); Rehder 1: 378.
Pritzel, G. A., Linnaea 19: 456. 1847.

3813. *Flora der Oberlausitz* oder Nachweisung der daselbst wild wachsenden phanerogamen Pflanzen mit Einschluss der Farrnkräuter nach den natürlichen Familien geordnet . . . Görlitz (bei C. G. Zobel) 1828. Duod. (*Fl. Oberlausitz*).
Publ.: 1828 (p. xiii: Sommer 1827), p. [i]-xvi, [1]-118. *Copies*: G, Regensburg.
Nachtrag: Görlitzer Abh. 3: 17-25. 1842. (n.v.).

Koelderer, Johann Georg (*fl.* 1747), German physician; Dr. med. Strasbourg 1748. (*Koeld.*)

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 1005; PR 4780 (ed. 1: 5319); Rehder 5: 464; Tucker 1: 396.

3814. B.C.D. *Viscum* plerarumque arborum plantam parasiticam dissertatione hac inaugurali botanica-medica solo deo praeside, ex decreto gratiosi medicorum ordinis, pro gradu doctoris more recepto legitime obtinendo, placido eruditorum examini sistit ad diem ix. maij a. [md]-ccxlvii. Johannes Georgius Koelderer, memminga-suevus, auctor horis locoque consuetis. Argentorati [Strassbourg] (typis Johannis Henrici Heitzii, Univ. Typogr.) s.d. [1748.] Qu. (*Viscum*).
Publ.: 9 Mai 1748, p. [i-iv], [1]-32. *Copy*: B.

Koeler, Georg Ludwig (1765-1807), German botanist at Mainz. (*Koeler*).

HERBARIUM and TYPES: W.
Ref.: Burdet, H., Candollea 31: 141. 1976.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 354; Barnhart 2: 308; BM 2: 1005; CSP 3: 716; Jackson p. 275; Kew 3: 290; PR 4781-4782 (ed. 1: 5320-5321); Rehder 5: 464; RS p. 91; Tucker 1: 396; Zander ed. 10, p. 679.

HANDWRITING: Candollea 31: 141-142. 1976.

EPONYMY: *Koelera* Willdenow (1806); *Koeleria* Persoon (1805).

3815. Georgii Ludovici Koeleri . . . *Descriptio graminum* in Gallia et Germania tam sponte nascentium quam humana industria copiosus provenientium. Francofurti ad Moenum (apud Varrentrapp et Wenner) 1802. Oct. (*Descr. Gram.*).
Publ.: 1802 (p. xiv: 13 Jan 1802; GGA 5 Feb 1803), p. [i]-xiv, 10 charts, [1]-384, [2, err.], *tab. 1-35*. *Copies*: G, L, M, MO, NY, US, USDA.

Koelle, Johann Ludwig Christian (1763-1797), German physician ("Medicinalrath") and botanist at Bayreuth. (*Koelle*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 610, 758; Barnhart 2: 308; BM 2: 1005; Dryander 3: 292; DTS 1: 159; Hortus 3: 1197 ("Koelle"); PR 4783-4784 (ed. 1: 5322-5323); Rehder 1: 375.
Familler, I., Denkschr. bay. bot. Ges. Regensburg 11: 12, 18. 1911.
Römer, J. J., Arch. bot. 2(1): 111. 1799.

EPONYMY: *Koellea* Biria (1811); *Koellia* Moench (1794).

3816. *Spicilegium observationum de Aconito*. Quod summi numinis auspiciis academiae friderico-alexandrinea rectore magnificentissimo serenissimo principe ac domino domino Christiano Friderico Carolo Alexandro . . . ex decreto gratiosi medicorum ordinis pro gradu doctoris medicinae et chirurgiae obtinendo d. [] sept. [md] cclxxxvii publice tuebitur auctor Ioan. Ludov. Christian. Koelle baruthinus. Accedit tabula aeri incisa. Erlangae (typis Adolphii Ernesti Iunge) s.d. [1787]. Oct. (*Spic. observ. Aconit.*).

Thesis ed.: Sep 1787, p. [1]-60, *1 pl.* (uncol. copp.). *Copy*: Regensburg (which has trade edition t.p., 1788, stuck in front as p. [ii]).
Trade ed.: 1788 (t.p.), p. [1]-60, 1 pl. (id.). *Copy*: G. – "*Spicilegium observationum de Aconito* auctore Ioann. Ludov. Christian. Koelle . . ." Erlangae (sumtu Ioann. Iac. Palm) 1788. Oct.
Extract: Hoppe, Bot. Taschenb. 1792, p. 134-154.

3817. *Flora des Fürstenthumes Bayreuth*, gesammelt von Iohann Ludwig Christian Koelle . . . Besonders für Iugendlehrer, Oekonomen und Apotheker bearbeitet und herausgegeben von Theodor Christian Ellrodt . . . Bayreuth (bey Iohann Andreas Lübecks Erben) 1798. Oct. (*Fl. Bayreuth*).
Editor: Theodor Christian Ellrodt (1767-1804), librarian of the royal library at Bayreuth.
Publ.: 1798 (p. xiv: 4 Apr 1798), p. [i]-xiv, [1]-354. *Copies*: G, MO, NY.

Koelliker, Rudolph Albert von (1817-1905), Swiss human anatomist and botanist; Dr. phil. Zürich 1841; Dr. med. Heidelberg 1842; professor of anatomy at Heidelberg 1844-1847; id. at Würzburg from 1847. (*Koell.*)

HERBARIUM and TYPES: Unknown; some material at E and MANCH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 308; BFM 988; BL 2: 591, 676; CSP 3: 720-724, 8: 106-107, 10: 436-437; IH 2: 377; Kew 3: 290; PR 4785 (ed. 1: 5324); Rehder 5: 464; Tucker 1: 396.
Anon., Flora 74: 533, 534. 1891 (ref. to Festschrift).
Lang, A., *in* Nekrol. Biogr. Schweiz. naturf. Ges. Zürich 1906, p. cxxiii-cxl; Vierteljahrsschr. naturf. Ges. Zürich 50(4): 567-572. 1906.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila p. 239. 1963.

EPONYMY: *Koellikeria* Regel (1848); × *Koellikohleria* Wiehler (1968, also commemorating Michael Kohler (*fl.* 1834-1872), Swiss teacher of science).

3818. *Verzeichniss der phanerogamischen Gewächse des Kantons Zürich* ... Zürich (Druck von Orell, Füssli u. Comp.) 1839. Duod. (*Verz. phan. Gew. Zürich*).
Publ.: Feb-Aug 1839 (p. xiv: 21 Jan 1839; rd. Flora 9 Sep 1839), p. [i]-xxv, [xxvi, abbr.], [1, h.t.], [1]-154, [1, err.]. *Copies*: G, NY.
Ref.: Anon., Lit. Ber. Flora 10: 67-72. 14 Jul 1840.
Naegeli, Ber. Zürch. bot. Ges. 13: 68-80. 1917 (additions).

Koelpin, Alexander Bernhard (1739-1801), German physician, botanist and teacher at the academic gymnasium at Stettin. (*Koelp.*).

HERBARIUM and TYPES: B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 308; BM 2: 1006; Dryander 1: 166, 169, 239, 247, 2: 183, 366, 577, 3: 163, 499;IH 2: 364; Kew 3: 290; Langman p. 415; PR 4786-4789 (ed. 1: 5325-5329); Rehder 5: 464; Tucker 1: 396.
Anon., Dict. Sci. méd. 5: 446-447. 1822 (bibl.).
Fries, Th. M., Bref och Skrifv. Linné 1(2): 318. 1908, 1(7): 184, 185. 1917.

EPONYMY: *Koelpinia* Pallas (1776).

3819. *Florae Gryphicae supplementum* herbationibus accomodatum ... Gryphiswaldiae [Greifswald] (Impensis et litteris A. F. Röse) 1769. Oct. (*Fl. Gryph. suppl.*)
Publ.: 1769, p. [i-xvi], [1]-128, [129-136, index]. *Copy*: HH. – Supplement to S. G. Wilcke, *Fl. Gryph.* 1765.

Kölreuter, Joseph Gottlieb (1733-1806), German botanist; early student of flower biology and of hybridization; Dr. med. Tübingen 1756; until 1761 at St. Petersburg; until 1763 at Calw; from then on director of the botanical garden at Karlsruhe. (*Kölr.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 16: 493-496; Backer p. 305; Barnhart 2: 308; BM 2: 1006; Bossert p. 217; CSP 3: 724, 16: 368; Dawson p. 406; De Toni 1: lxxi; Dryander 5: 309; Frank 3(Anh.): 52; GR p. 99; HA 2: 453; Jackson p. 98; Langman p. 415; Lipschitz 4: 141-143; LS 14208; Moebius p. 342, 452; PR 4790-4792 (ed. 1: 5330-5332); Rehder 5: 464; TR 698-700; Tucker 1: 396.
Behrens, Verh. naturw. Ver. Karlsruhe 11: 1-53. 1894, 268-320. 1896 (bibl.).
Dörfler, I., Botaniker-Porträts no. 35. 1907 (portr.).
Ewan, J. et al., Short hist. bot. U.S. 60, 66. 1969.
Fries, Th. M., Bref och Skrifv. Linné 1(3): 252. 1909, 1(6): 43. 1912, 2(1): 140, 141. 1916.
Glass, B. et al., Forerunners of Darwin: 1745-1859. Baltimore 1968, see p. 465 [index].
Harvey-Gibson, R. J., Outlines hist. bot. 59, 60-62. 1914.
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EPONYMY: *Koelreutera* J. A. Murray (1773); *Koelreuteria* E. Laxmann (1772); *Koelreuteria* F. K. Medikus (1782) *Koelreutera* Schreber (1791) is probably also dedicated to him.

3820. D. Joseph Gottlieb Kölreuters *Vorläufige Nachricht von einigen das Geschlecht der Pflanzen betreffenden Versuchen und Beobachtungen.* Leipzig (in der Gleditschischen Buchhandlung) 1761. Oct. (*Vorläuf. nachr. Geschl. Pfl.*).
Publ.: Sep 1761 (p. 6: 1 Sep 1761; NZgS 28 Sep 1761; Nederl. Letter-Courant 20 Nov 1761), p. [3]-37. *Copy*: G.
Reprint: Ostwald's Klassiker, 41, 1893, Leipzig (W. Engelmann), edited by W. Pfeffer. *Copies*: G, MO, NY, U.

3821. *Fortsetzung der vorläufigen Nachricht von einigen das Geschlecht der Pflanzen betreffenden Versuchen und Beobachtungen.* Leipzig (in der Gleditschischen Buchhandlung) 1763. Oct. (*Fortsetz. Nachr.*).
Publ.: 1763, probably early in the year (preface 10 Dec 1762, GGA 24 Mar 1764), p. [39]-84. *Copy*: G.
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3822. *Zweyte Fortsetzung der vorläufigen Nachricht von einigen das Geschlecht der Pflanzen betreffenden Versuchen und Beobachtungen.* Leipzig (In der Gleditschischen Buchhandlung) 1764. Oct. (*Zweyte Fortsetz. Nachr.*).
Publ.: 1764 (p. 90: 20 Dec 1763), p. [85]-162. *Copy*: G.
Reprint: Ostwald's Klassiker, no. 41, 1893, Leipzig (W. Engelmann). *Copies*: G, MO, NY, U.

3823. *Dritte Fortsetzung der vorläufigen Nachricht von einigen das Geschlecht der Pflanzen betreffenden Versuchen und Beobachtungen.* Leipzig (In der Gleditschischen Buchhandlung) 1766. Oct. (*Dritte Fortsetz. Nachr.*).
Publ.: 1766 (p. 165: 26 Dec 1765; Jena rev. 18 Aug 1766), p. [163]-266. *Copy*: G.
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3824. *Das entdeckte Geheimniss der Cryptogamie.* Eine der Chur-Pfälz. Academie der Wissenschaften zugedacht gewesene Preisschrift . . . Carlsruhe (drukts und verlegts Michael Maklot, . . .) 1777. Oct. (*Geheimn. Crypt.*).
Publ.: 1777 (p. [iv]: 14 Feb 1777), p. [i-iv], [1]-155, [156, err.]. *Copies*: G, M, MO, NY.

König, Johann Gerhard (1728-1785), Baltic-German pharmacist and physician; 1759-1767 in Denmark; from 1767 India, Siam, Malacca and Ceylon as missionary and plant collector. (*J. König*).

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Koenig, Karl (*fl.* 1841), German clergyman and botanist at Dürkheim an der Haardt. (*K. Koenig*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 1007; Langman p. 415; PR 4801 (ed. 1: 5341); Rehder 5: 465.

3825. *Der botanische Führer durch die Rheinpfalz*, oder Uebersicht aller bisher in der Rheinpfalz aufgefundenen, sowohl wildwachsenden als auch verwilderten, phanerogamischen Pflanzen, mit Angabe der Prosodie und Etymologie, der Standorte und geographischen Verbreitung, nebst einem Blüthenkalender und einigen Regeln über das Einsammeln, Trocknen und Aufbewahren der Pflanzen. Ein Handbuch zur Erleichterung im Auffinden und Bestimmen der Pflanzen, zunächst zum Gebrauch an höheren Lehranstalten, dann für alle Freunde der Pflanzenkunde, von Karl König, . . . Mannheim (Verlag von Friedrich Götz . . .) 1841. Duod. (*Bot. Führer Rheinpfalz*).

Ed. 1: 1841 (p. vi: 21 Mar 1841; Flora rd. 9 Mar-28 Nov 1841), p. [i]-vi, [1]-243, [1, index; 1-2, err.]. *Copies*: B, NY, Regensburg.
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Koenig, Karl Dietrich Eberhard (1774-1851), British botanist (Koenig or König, alias Charles Konig) of German birth; keeper of mineralogy British Museum 1813. (*K. D. Koenig*).

HERBARIUM and TYPES: König was employed at the British Museum. Letters to J. E. Smith at LINN.
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3826. *Tracts relative to botany*, translated from different languages. Illustrated by nine copper plates and occasional remarks. London (printed and sold by Phillips and Fardon, . . .) 1805. Oct. (*Tracts bot.*).
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3827. *Annals of Botany.* Editors, Charles Konig, F.L.S. and John Sims, M.D., F.L.S. . . . London (printed for the editors by R. Taylor and Co., . . .) [1804-] 1804-1806. Oct. † (*Ann. Bot.*).
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Köpff, Friedrich (*fl.* 1892), German botanist; Dr. phil. Erlangen 1892. (*Köpff*).

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3828. *Ueber anatomische Charaktere der Dalbergieen, Sophoreen und Swartzieen.* Inaugural-Dissertation zur Erlangung der Doctorwürde bei der Hohen philosophischen Facultät der Kgl. Friedrich-Alexander Universität Erlangen eingereicht von Friedrich Köpff aus Lübeck. München (Buchdruckerei von Val. Höfling, . . .) 1892. Oct. (*Anat. Charakt. Dalberg.*).
Publ.: 1892 (Nat. Nov. Mar(2) 1893; Flora rd. 12 Mai 1893), p. [i*], [i]-v, [1]-143, *pl. 1-2.*
Copy: MO.

Köppen, Friedrich Theodor (Petrowitsch) **von** (1833-1908), Russian (Baltic-German?) botanist at St. Petersburg. (*Köpp.*).

HERBARIUM and TYPES: Unknown.

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3829. *Geographische Verbreitung der Holzgewächse des europäischen Russlands* und des Kaukasus . . . St. Petersburg (Druckerei der kaiserlichen Akademie der Wissenschaften . . .) 1888-1889, 2 vols. Oct. (*Geogr. Verbr. Holzgew. eur. Russl.*)

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Koerber (Körber), **Gustav Wilhelm** (1817-1885), German-Silesian lichenologist; from 1842 high school teacher at the Elisabeth Gymnasium at Breslau; Dr. phil. berol. 1839, royal professor 1862, extraord. prof. at Breslau University 1873; with Massalongo founder of the "Italian-Silesian" school of lichenology. (*Koerb.*).

HERBARIUM and TYPES: L. – Other important collection (Nachlass Duft; constitutes the herbarium made by Koerber after he had sold his main herbarium to L in 1881): WRSL; other material BM, HSI, MSTR. Exsiccatae: *Lichenes selecti germanici*, fasc. 1-14, nos. 1-420, Breslau 1856/8-1873, sets at B, FH, G, H, HBG, IBF, KIEL, L, M, O, NY, S. See Sayre (1969) for further details.

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EPONYMY: *Koerberia* A. Massalongo (1854); *Koerberiella* B. Stein (1879).

3830. *De gonidiis lichenum.* Dissertatio inauguralis botanica quam consensu et auctoritate ordinis amplissimi philosophorum ad summos in philosophia honores rite capessendos in Universitate litteraria berolinensi die xi. m. septembris a. mdcccxxxix. hora xii. publice defendet auctor Gustavus Guilelmus Koerber Silesius . . . Berolini [Berlin] (Typis Nietackianis) s.d. [1839]. Oct. (*Gonid. Lich.*).
Publ.: 11 Sep 1839 (t.p.; Flora rd. Jul-Nov 1840), p. [1]-75, [76-79, vita; 80, theses]. *Copies*: MICH, MO, NY.

3831. *Lichenographiae germanicae specimen*, Parmeliacearum familiam continens. Commentatio botanico, quam consensu et auctoritate amplissimi philosophorum ordinis in Universitate literaria vratislaviensi pro obtinenda legendi venia die xxiii. maii anni mdcccxlvi h.l.q.c. publice defendet auctor Gustavus Guilielmus Koerber, . . . Vratislaviae [Breslau] (typis Grassii, Barthii et Sociorum) s.d. [1846]. Qu. (*Lichenogr. germ.*).
Publ.: 23 Mai 1846 (t.p.), p. [i-iii], [1]-22. *Copies*: FH, G. "Habilitationsschrift".
Ref.: K.M., Bot. Zeit. 5: 330-334. 7 Mai 1847.

3832. *Grundriss der Kryptogamen-Kunde.* Zur Orientirung beim Studium der kryptogamischen Pflanzen, sowie zum Gebrauch bei seinen Vorlesungen . . . Breslau (Verlag von Eduard Trewendt) 1848. Oct. (*Grundr. Krypt.-Kunde*).
Publ.: 1848 (p. viii: Apr 1848; Flora rd. Jul-Aug 1848), p. [i]-viii, [1]-203, [204]. *Copies*: B, L, M, MICH, NY, Stevenson. – Motto of preface (Goethe): "Wer fertig ist, dem ist nichts

Recht zu machen, der werdende wird immer dankbar sein." The book is now mainly of importance because of its bibliography and for historical reasons.
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3833. *Systema lichenum Germaniae.* Die Flechten Deutschlands (insbesondere Schlesiens) mikroskopisch geprüft, kritisch gesichtet, charakteristisch beschrieben und systematisch geordnet . . . Breslau (Verlag von Trewendt & Granier) [1854-] 1855. Oct. (*Syst. lich. Germ.*).
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3834. *Parerga lichenologica.* Ergänzungen zum Systema lichenum Germaniae . . . Breslau (Verlag von Eduard Trewendt) [1859-] 1865. Oct. (*Parerga lichenol.*).
Publ.: In five parts, p. [i]-xvi, [1, h.t.], [1]-501. Copies: G, L, MICH, MO, NY, Stevenson, U, US, USDA.

1: 1-96. Nov 1859.
2: 97-192. 1860.
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3835. *Zur Abwehr der Schwendener-Bornet'schen Flechtentheorie* . . . Breslau (J. U. Kern's Verlag (Max Müller)). 1874. Oct. (*Abwehr Flechtentheorie*).
Publ.: 1874 (p. 4: Oct 1874), p. [1]-30. *Copy*: U. – See also Tagbl. Versamml. deut. Naturf. Aerzk. 1875, p. 125, and Jahresber. Schles. Ges. vaterl. Cultur 52: 91. 1874, publ. 1875.

Körnicke, Friedrich August (1828-1908), German botanist; 1849 assistant curator at the Berlin herbarium; 1856 at St. Petersburg; Dr. phil. berol. 1856; 1859-1867 lecturer, later professor, at Waldau agricultural college near Königsberg; 1867-1898 at the agricultural college at Poppelsdorf near Bonn as successor to Julius Sachs. (*Körn.*)

HERBARIUM and TYPES: BONN. – Other material at B, C, CN, E, G.

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(2) Warming, *Symb. fl. Bras. centr.*, particula ix: 309-316, *Eriocaulaceae*, publ. 11 Apr 1872; see also Vid. Medd. natur-hist. För. København 20-22: 291-296. 1871.
(3) Viebahn, G. v., *Statistik des zollvereinten und nördlichen Deutschlands*, Berlin, 1858; with F. Klotzsch on p. 849-896: "*Die Vegetation* . . ."
(4) Miquel, Ann. Mus. Lugd.-Bat., *Eriocaulaceae*, 3: 162-164. Aug-Oct 1867, 238-241. Dec 1867-Jul 1868.
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EPONYMY: *Koernickea* Regel (1857).

3836. *Monographia scripta de Eriocaulaceis.* Dissertatio inauguralis botanica quam consensu et auctoritate amplissimi philosophorum ordinis in alma litterarum universitate Friderica Guilelma ad summos in philosophia honores rite capessendos die xxix. m. arpilis [sic] a. mdccclvi. h.l.q.s. publice defendet auctor Fridericus Koernicke saxo-borussus . . . Berolini (Typis Gustavi Schade). Oct. (*Monogr. Eriocaul.*).

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Ref.: Anon., Flora 39: 528. 7 Sep 1856 (rd after 7 Aug), 667-672. 14 Nov 1856 (rev.).

3837. *Beiträge zur Kenntnis der Gattung Crocus*, . . . Regensburg (Gedruckt bei Fr. Neubauer). 1856. Oct. (*Beitr. Crocus*).
Publ.: 14 Aug 1856, p. [1]-16. *Copy*: WU. – Reprinted from Flora 39: 465-478. 14 Aug 1856.

3838. *Monographiae Marantearum prodromus* auctore Dr. ph. Fr. Körnicke, cum tabulis viii. Mosquae [Typis caesareae Universitatis] 1859. Qu. [title appearing on cover]. (*Monogr. Marant. prodr.*).
Publ.: 1859 (Flora rd. Jan-Apr 1860), p. [i], [299]-362, *pl. 6-12* (uncol. liths.). *Copies*: G (with mss. annotations by author), L, MICH, MO, NY, US, WU. – Reprinted, with special cover, from Nouv. Mém. Soc. imp. Natural. Moscou 11: 299-362. 1859. Cover present e.g. in NY copy.
Pars altera: "*Monographiae Marantearum prodromus* pars altera . . ." Mosquae (typis Universitatis caesareae) 1862. Oct., *publ.*: Sep-Dec 1862 (p. [ii]: 27 Aug 1862 imprimatur), p. [i-ii], [1]-147. *Copies*: G, NY, US, WU. – Reprinted from Bull. Soc. imp. Natural. Moscou 35(1): 1-147. 1862.
Ref.: Koernicke, F. A., Gartenflora 7: 66-89. 1858, 8: 260-261, 269-270, 270-271. 1859; Mitt. russ. Gartenbauver. St. Petersburg 1860: 47-53; Belgique hort. 10: 79-94, 106-128. 1860.
Fournier, Bull. Soc. bot. France 10: 623. 1864.

3839. *Dritter Beitrag zur Flora der Provinz Preussen* [Königsberg 1867]. Qu.
Publ.: 1867, p. [1]-36. *Copy*: MO. – Reprinted from Schr. phys.-ökon. Ges., Königsberg 8: 1-36. 1867. – To be cited from journal.
Erster Beitrag: ib. 3: 157-165. 1862; *Zweiter Beitrag* 5: 54-92. 1865.

3840. *Zur Geschichte der Gartenbohne* . . . Bonn (Universitäts-Buchdruckerei von Carl Gergi) 1886. Oct. (*Gesch. Gartenbohne*).
Publ.: Jan-Feb 1886 (Nat. Nov. Feb(2) 1886; Bot. Zeit. 30 Jul 1886), p. [1]-20. *Copies*: MO(2). – Reprinted from Verh. naturh. Ver. preuss. Rheinl. Westph. 42: 3-20. 1885. See also Corresp.-Bl. Naturhist. Ver. Bonn 1885: 136-153.

Kofoid, Charles Atwood (1865-1947), American protozoologist and algologist of Danish descent; Ph. D. Harvard 1894; with Illinois nat. hist. survey 1894-1903; at Univ. California, Berkeley 1903-1936; assistant director San Diego zool. station 1907-1910; of La Jolla zool. station (later: Scripps) 1910-1923; professor of zoology at Berkeley 1904-1936. (*Kof.*).

HERBARIUM and TYPES: Unknown; material at E, GH, LE, LIV, MSC. Kofoid left his rich and large library (40.000 volumes; 120.000 reprints) to the University of California. His zoological collections are also at Berkeley (Dept. Zool.). For letters and manuscripts see also Taylor (1971).
Ref.: Cullen, J., Taxon 21: 730. 1972.

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Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 98, 239. 1963.
Taylor, Phycologia 10(1): 143-144. 1971 (on "Kofoidiana").

COMPOSITE WORKS: Kofoid, C. A. and T. Skogsberg, *The Dinoflagellata*: the Dinophycoideae. Mem. Mus. comp. Zool. Harvard 51: 1-766, *31 pl.* 1928. – See also 3842.

HANDWRITING: Natl. Acad. Sci. Biogr. Mem. 26: under portr. opp. p. 121. 1951.

EPONYMY: *Kofoidia* Light (1927); *Kofoidiella* Skvortzov (1968); *Kofoidinium* Pavillard (1929); *Kofoidopsis* Tasch (1963).

3841. *The plankton of the Illinois River*, 1894-1899, with introductory notes upon the hydrography of the Illinois Rover and its basin. [Urbana, Illinois, U.S.A. 1903-1908], 2 parts. (*Plankt. Illinois R.*).

Part 1: Nov 1903, p. [i], [95]-629, [1-2, err.], *pl. 1-50*, Bull. Illinois State Lab. nat. Hist. 6(2).
Part 2: May 1908, p. [i]-vii, [4]-361, *pl. 1-5*, ib. 8(1).
Copies: MICH, NY.
Facsimile ed.: Vaduz (J. Cramer) 1977. Bibliotheca phycologica Band 29, ISBN 3-7682-1104-5. *Copies*: FAS, US.

3842. *The free living unarmored Dinoflagellata* . . . Berkeley, California (University of California Press) 1921. (*Free liv. Dinoflag.*).
Co-author: Olive Swezy (1878-x).
Publ.: 28 Jun 1921 (p. ii), p. [i]-viii, [1]-562, *pl. 1-12* (with text). *Copies*: MO, NY. – Mem. Univ. California, vol. 5.
Facsimile ed.: Koenigstein (Otto Koeltz) 1974. (n.v.).

Kohl, Friedrich Georg (1855-1910), German botanist; Dr. phil. Leipzig 1881; professor of botany at the University of Marburg i.H. 1891, later in Leipzig. (*Kohl*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 310; BM 2: 1010; CSP 16: 388; DTS 1: 159; Kew 3: 291; LS 14256-14260; Moebius p. 197-452; NI 1086; Rehder 5: 466; Tucker 1: 396.
Anon., Bot. Not. 1910: 80, 157; Bot. Zeit. 68(2): 56. 1910 (d. 29 Jan 1910 in Leipzig; formerly in Marburg); Ber. deut. bot. Ges. 27: (144). 1910; Österr. bot. Z. 60(3): 127. 1910.
Cupp, E. E., Mar. plankton diatoms W. coast N. Amer. 216. 1943.
Pohl, F., Generalregister Beih. Bot. Centralbl. 1-17, 18-45(1): 9. 1931; 18-50: 10. 1942.

COMPOSITE WORKS: (1) *Botanisches Centralblatt*, editor vols. 35-88, 1888-1901; *Beihefte*, editor, 1-24(1), 1891-1909 (with O. Uhlworm).
(2) Reichenbach, *Icones florae Germanicae et Helvetiae*, author of vol. 23, 1898-1899.
(3) Kohl also published a *Taschenwörterbuch der botanischen Kunstausdrücke für Gärtner*, Berlin (P. Parey) 1883, ed. 2. 1889; ed. 3, 1903.
(4) *Botanische Wandtafeln*, 5 series; 3. Systematik und Entwickelungsgeschichte. Cassel [1898-1907, not precise].

NAME: The name also appears as Georg Friedrich Kohl, but the author gives "F. G. Kohl" on the title-page of the books cited below.

3843. *Excursions-Flora für Mitteldeutschland* mit besonderer Angabe der Standorte in Hessen-Nassau, Oberhessen und den angrenzenden Gebieten, sowie in der Umgebung Marburgs . . . Leipzig (Verlag von Johann Ambrosius Barth) 1892, 2 vols. Oct. (*Excurs.-Fl. Mitteldeutschl.*).

1: *Kryptogamae*, 1896 (p. vi: Apr 1896; Bot. Zeit. 1 Jul 1896; Nat. Nov. Jun(2) 1896), p. [i]-viii, [1]-140.
2: *Phanerogamae*, 1896 (Bot. Zeit. 1 Aug 1896; Nat. Nov. Aug(1) 1896), p. [i]-xxiii, [1]-463.
Copies: B, G.
Ref.: Drude, O. Bot. Zeit. 55(2): 40-42. 1897.

3844. *Die officinellen Pflanzen* der Pharmacopoea germanica für Pharmaceuten und Mediciner besprochen und durch Originalabbildungen erlautert . . . Leipzig (Verlag von Johann Ambrosius Barth (Arthur Meiner).) [1891-] 1895. Qu. (*Off. Pfl.*).
Publ.: in 35 parts (*5 pl.*/Heft), 1891-1895, p. [i-v], [1]-246, *pl. 1-173* (*5* and *113* missing in NY copy). *Copies*: MICH, NY, USDA (orig. covers).

Heft	pages	Nat. Nov.	Heft	pages	Nat. Nov.
1	1-16	Aug 1891	15/16	105-112	Oct 1893
2	17-24	Oct 1891	17	113-120	Mai 1894
3	25-32	Nov 1891	18/19	121-128	Jul 1894
4	25-32sic	Feb 1892	20	129-136	Aug 1894
5	33-40	Apr 1892	21	137-144	Sep 1894
6	41-48	Jul 1892	22	145-152	Oct 1894
7	49-56	Jul 1892	23	153-160	Dec 1894
8	57-64	Aug 1892	24-26	161-176	Feb 1895
9	65-72	Sep 1892	27	177-184	Mar 1895
10	73-80	Sep 1892	28	185-192	Apr 1895
11	81-88	Dec 1892	29-31	193-216	Jul 1895
12	89-96	Mai 1893	32-35	217-248. [i-v]	Nov 1895
13/14	97-104	Aug 1893			

Publication may have taken place in the preceding months. The references in the Botanische Zeitung confirm in general the above data. The parts 1-8 and 9-16 were re-issued under a single cover; the covers are all dated 1891.
Ref.: Kienitz-Gerloff, Bot. Zeit. 50: 145. 1892, 51: 219. 1893, 54: 29. 1896.

Kohn, Maximilian (*fl.* 1846), Austrian botanist; Dr. med. Wien 1846. (*Kohn*).

HERBARIUM and TYPES: Unknown.

3845. Dissertatio inauguralis botanica tractans *familias naturales plantarum officinalium*, quam consensu et auctoritate illustrissimi ac magnifici domini praesidis ac directoris, perillustris ac spectabilis domini decani, nec non clarissimorum ac celeberrimorum d.d. professorum pro doctoris medicinae laurea rite ac legitime obtinenda in antiquissima ac celeberrima Universitate vindobonensi publicae disquisitioni submittit Maximilianus Kohn, austriacus vindobonensis. In theses adnexas disputabitur in Universitatis aedibus die [ ] mensis Junii 1846. Viennae (Typis Antonii Mausberger) 1846. Oct. (*Fam. nat. pl. off.*).
Publ.: Jun 1846 (t.p.), p. [i]-viii, [1]-51, [52, theses]. *Copy*: WU.

Koidzumi, Gen-Iti (Gen'ichi) (1883-1953), Japanese botanist. (*Koidz.*).

HERBARIUM and TYPES: KYO; other material E, TI.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 288; BJI 2: 92; BL 1: 117, 304; Bossert p. 216; Hirsch p. 155; Hortus 3: 1197 ("Koidz."); IF suppl. 3: 212, 4: 327; IH 2: 376; Kew 3: 293; MW p. 241-243, suppl. p. 170-173; Tucker 1: 396; Zander ed. 10, p. 679.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 177. 1947.

3846. *Florae symbolae orientali-asiaticae* sive contributions to the knowledge of the flora of eastern Asia. Kyoto Japan May. 1930. (*Fl. symb. orient.-asiat.*).
Publ.: May 1930, p. [i, iii], 1-115. *Copy*: US.

Kol, Erszébet [Elizabet] (1897-x), Hungarian botanist at the Budapest Museum of Narural History; interested in cryobiology; Dr. phil. Szeged 1925. (*Kol*).

HERBARIUM and TYPES: BP; other material at E.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 311; Bossert p. 256; IH 2: 377; Kew 3: 293; NAF ser. 2. 6: 67; Roon p. 62.
Hultén, E., Bot. Not. 1940: 342.
Kol, E., Personal communication to senior author 1957 (incl. bibl.); a complete mss. bibliography compiled by P. Komáromy Zsuzsa was received in February 1978 and is now in the TL-2 archives. When closing the manuscript for this volume Dr. Kol was working on Hungarian Desmidiaceae.

EPONYMY: *Koliella* F. Hindák (1963).

Kolb, Max (1829-1915), German gardener, worked in botanical gardens in Berlin and Paris; from 1859 "Kön. Oberinspecktor am botanischen Garten in München." (*Kolb*).

HERBARIUM and TYPES: M (if any).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 311; BM 2: 1011-1012; DTS 1: 160, 6(4): 57; Jackson p. 429; Kew 3: 294; Langman p. 416; NW p. 244; PR 4815; Rehder 5: 466; Tucker 1: 396.
Anon., Gard. Chron. ser. 3. 46: 361. 1909 (80th birthday).
Bergdolt, E., Karl von Goebel 105, 106, 252. 1941.
Wittmack, M. C. L., Garten-Zeit. 3: 589-591. 1884 (portr.).

NOTE: We are grateful to Garteninspektor Josef Bogner and to I. Haesler at München for providing us with information on Kolb. Bergdolt (1941) notes: "Angeblich ein Sohn Ludwigs 1. von Bayern; verheiratet mit einer Pariserin, verstand es K. als Gartenoberinspektor so etwas wie einen gesellschaftlichen Mittelpunkt in München zu bilden." Goebel (l.c. p. 105-106) speaks of "der gänzlich unfähige Kolb." Both statements must be accepted with reservation: Goebel later did not do at all badly with the München botanical garden with or notwithstanding Kolb.

3847. *Die europäischen und überseeischen Alpenpflanzen.* Zugleich eine eingehende Anleitung zur Pflege der Alpinen in den Gärten. Unter Mitwirkung der mit dem Sammeln der Alpengewächse und deren Pflege im königl. botanischen Garten in München seit Jahren betrauten

Alpenpflanzenzüchter Joh. Obrist und Joh. Kellerer herausgegeben von Max Kolb ... Stuttgart (Verlag von Eugen Ulmer) 1890. Oct. (*Alpenfl.*).
Co-authors: Johann Obrist (fl. 1890); Johann Kellerer (fl. 1890, from 1906 at Sofia).
Publ.: in 8 parts, 1889-1890 (p. vi: Mai 1890). *Copies*: L, M.
1: 1-48, Jul 1889 (Nat. Nov. Jul(2) 1889; Bot. Zeit. 26 Jul 1889).
2: 49-96, Sep 1889 (Nat. Nov. Sep(2) 1889; Bot. Zeit. 25 Oct 1889).
3-8: 97-373, [i-vi], Aug 1889 (Bot. Zeit. 29 Aug 1889; Nat. Nov. Mai(2) 1890).

Kolbáni, Pál [Paul] (1757-1816), Hungarian botanist. (*Kolbáni*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 16: 461 (Kolbány); Barnhart 2: 311; BM 2: 1012; Kanitz 67, 69-70; Plesch p. 291; PR ed. 1: 5350; Rehder 3: 90; Sotheby 425.
Pax, F., Grundzüge Pflanzenverbr. Karpathen 1: 6. 1898 (Veg. Erde 2(1)).
Z., Dict. Sci. méd. 5: 449-450. 1822 (bibl.).

3848. *Ungarische Giftpflanzen*, zur Verhütung tragischer Vorfälle in den Haushaltungen, nach ihren botanischen Kennzeichen, nebst den Heilungsmitteln ... Pressburg [Bratislava] (bey Johann Michael Landerer Edlen von Füskut, ...) 1791. Oct. (*Ungar. Giftpfl.*).
Publ.: 1791, p. [i]-xl, [1-6], [1]-132, 8 col. copper engr. *Copy*: WU (inf. W. Gutermann).

Kolbe, Robert Wilhelm (1882-1960), Russian born diatomologist with Finnish nationality, of German-Finnish-Russian descent; studied at the Friedrich-Wilhelms-Universität, Berlin 1898-1899 and at the Technische Hochschule Dresden until 1904; business administrator in Russia until 1918; emigrated to Finland 1918/1919, returned to Germany to take his degree in the natural sciences with e.g. Kolkwitz and Engler; diatomologist in Germany until 1946, finally in Sweden at the Stockholm natural history museum. (*Kolbe*).

HERBARIUM and TYPES: S-PA.
Ref.: Wornardt, W. W., Int. direct. Diat. 34. 1968.
Koster, J., Taxon 18: 554. 1969.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 311 (Robert William); IH 2: 377; Kew 3: 294; Roon p. 62.
Selling, O., Sv. bot. Tidskr. 56(1): 203-222. 1962 (portr., bibl.); Nova Hedwigia 4: 275-298. 1962 (portr., bibl.).

COMPOSITE WORKS: (1) Drygalski, E. v., (edit.), *Deutsche Südpolar-Expedition* 1901-1903, with H. Herden, *Die marinen Diatomeen der deutschen Süd-Polar-Expedition* 1901-1903, vol. 8: 447-715, pl. *31-43* (1-13); Berlin, Leipzig 1928.
(2) For further composite works see the excellent, detailed bibliography of Kolbe by Selling (1962).

EPONYMY: *Kolbeana* B. V. Skvortzov (1969).

3849. *Zur Ökologie, Morphologie und Systematik der Brackwasser-Diatomeen.* Die Kieselalgen des Sperenberger Salzgebiets ... Jena (Verlag von Gustav Fischer) 1927. Oct. (*Ökol. Brackwasser-Diatom.*).
Publ.: Feb 1927 (Nat. Nov.), p. [i]-v, [1]-146, *pl. 1-3* (with text). *Copies*: FH, US. Pflanzenforschung, herausgegeben von Prof. Dr. R. Kolkwitz, Berlin-Dahlem, Heft 7. – Trade edition, with added contents, preface, index and plates of his thesis: *Studien über die Diatomeenflora des Sperenberger Salzgebiets*, Berlin, Jena 1926, p. 1-143 (n.v.).

Kolenati, Friedrich August Rudolph (1812-1864), Bohemian zoologist and botanist at the polytechnic institute of Brünn, travelled in Russia 1842-1845, founded the society "Lotos". (*Kolen.*)

HERBARIUM and TYPES: LE (orig. mat. Caucasian trip), dupl. AL, B, E, H, MO, W. Czeck material at BRNU (BRNO) and W.

NOTE: The second christian name is also given as "Anton"; for the year of birth we follow the transcription of the text on the tombstone as shown by the illustration in Němec 1964, which mentions 12 Aug 1812 (not 1813) as the birth date. This tombstone was erected in 1867 (see also Melion (1866)).

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 1044; Backer p. 305-306; Barnhart 2: 311 (b. 12 Aug 1812); BM 2: 1012; CSP 3: 714-716, 16: 400; GR p. 453-454; IH 2: 377; Klášterský p. 110 (q.v. for further biogr. refs.); Lasègue p. 423, 503; Lipschitz 4: 264-265; LS 14274-142274a; Maiwald p. 69, 129, 189; PR 4817; Quenstedt p. 241; Rehder 5: 466; SBC p. 124 ("Kol."); TR 708; WU 12: 316; Tucker 1: 397.
Anon., Bot. Zeit. 22: 272. 1864.
Melion, Lotos 16: 176. 1866 (see also 20: 87. 1870).
Němec, Vesmir, Praha, 43: 347. 1964.
Radde, G., Grundz. Pflanzenverbr. Kaukasusländer 14. 1899 (Veg. Erde 3).

3850. *Höhenflora des Altvaters*, . . . Brünn (Druck von Rudolf Rehrers Erben) 1860. Oct. (*Hohenfl. Altvaters*).
Publ.: 1860 (Flora rd. 21 Jul-7 Sep 1860), p. [1]-82. *Copies*: NY, Regensburg. – Reprinted from Verh. mähr.-schl. Forst-Section Heft 41. – "Seine . . . Höhenflora des Altvaters fand wenig Beifall . . ." (AG 6(2): 1044).
Ref.: J.N.-e, Bot. Zeit. 19: 94-95. 12 Apr 1861.

Kolkwitz, Richard (1873-1956), German botanist and ecologist at Berlin-Dahlem. (*Kolkw.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 306; Barnhart 2: 311; BJI 1: 33; BM 2: 1013; Bossert p. 216; CSP 16: 400; De Toni 4: xxxiv; Hirsch p. 156; Kew 3: 294; LS 14275-14281, 35546-35547a, suppl. 14566-14570; Moebius p. 76, 176; Plesch p. 291; Rehder 5: 466.
Huber-Pestalozzi, Schweiz. Z. Hydrol. 18(2): 235-253. 1956.
Kolkwitz, R., Pflanzenphysiologie, Jena 1914; ed. 2, 1922; ed. 3, 1935.
Weisse, Ber. deut. bot. Ges. 54: (166)-(170). 1937 (portr., bibl.), 61(3): 68. 1943, 69: (6). 1957, 69(4): 159. 1956.

COMPOSITE WORKS: (1) *Kryptogamenflora der Mark Brandenburg*, *Schizomycetes*, 5(1): [1]-186. 27 Dec 1909.
(2) Editor of *Pflanzenforschung*, Hefte 1-23, 1922-1941.

EPONYMY: *Kolkwitzia* Graebner (1901); *Kolkwitziella* E. Lindemann (1919).

Koltz, Jean Pierre Joseph (1827-1907), Belgian/Luxemburg botanist; forester in Luxemburg, founder of the société botanique du G. D. de Luxemburg. (*Koltz*).

HERBARIUM and TYPES: LUX; further material at BR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 311; BFM 285; BL 2: 418, 419, 676; BM 2: 1014; CSP 8: 107, 12: 401, 16: 404; GR p. 787, *pl.* [33], cat. p. 66; IH 2: 377; Jackson p. 273; Kew 3: 294; LS 14284-14288; Rehder 5: 467; SBC p. 124 ("Koltz"); Tucker 1: 397.
Anon., Bot. Not. 1907: 261.
Klein, Bull. Soc. Bot. Belgique 45(1): 7-10. 1908 (portr.).
Weber, J., Soc. Natural. Luxembourg. 8: 218-220. 1907.

HANDSCHRIFT: Bull. Soc. Natural. Luxembourg. 54: between 166-161. 1949 (with portr.).

FESTSCHRIFT: Festschrift zum fünfzigjährigen Amtsjubiläum des Hrn. Forstinspektors J. P. J. Koltz, Luxemburg 1895 (portr.), p. [1]-27, *copy*: BR.

3851. *Prodrome de la flore du Grand-Duché de Luxembourg* . . . Luxembourg (imprints: see below) 1873-1897, 4 parts. Oct. (*Prodr. fl. Luxembourg*).

Première partie. Plantes phanérogames, *publ.*: 1873 (Hedwigia Aug 1873; J. Bot. Nov 1874), p. [i], [1]-278, [1, cont.]. *Copies*: BR, NY. – Reprinted from Publ. de la section des sciences naturelles de l'Institut R.G.-D., vol. 13: 81-359. 1873.

Original imprint: Luxembourg, Imprimerie de V. Buck, rue des Curé, 1873 (BR), later issued with a sticker on top of second line: "L. Schamburger in Luxembourg." (NY).

Seconde partie

Vol. 1: "Plantes vasculaires ... *Muscinées*". Luxembourg (L. Schamburger ...) Paris (Georges Masson, ...), Berlin, N.W. (R. Friedlaender & Sohn, ...) 1883. *Publ.*: Mar-Apr 1883 (Bot. Zeit. 25 Mai 1883; Hedwigia Jun 1883; Nat. Nov. Apr(2) 1883; J. Bot. Jun 1883; Rev. bryol. Jun 1883), p. [i-vii], [1]-373. *Copies*: KNAW, NY. – Repr. from Rec. Mém. Trav. Soc. bot. Luxembourg 4-5: 175-426. 1880.

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Vol. 3. – *Lichenées* (actually second part of Lichens), "... Deuxième volume. Lichenées." Luxembourg (L. Schamburger, ...), Paris (Paul Klincksieck, ...), Berlin N.W. (R. Friedlaender & Sohn) 1897. *Publ.*: 1897 (Nat. Nov. Apr(1) 1898), p. [i], [1]-261. *Copy*: NY. – Reprinted from Recueil Mém. Trav. Soc. bot. Luxembourg 13: [i], [91]-349. 1897. *Copy*: Stevenson.

3852. *Dendrologie luxembourgeoise.* Catalogue des arbres arbrisseaux et arbustes spontanés, subspontanés ou introduits dans les cultures du Grand-Duché de Luxembourg, ... Luxembourg (Imprimerie de V. Buck, ...) 1875. Oct. (*Dendrol. luxemb.*).
Publ.: 1875 (Bot. Zeit. 35: 232. 6 Apr 1877), p. [i-iii], [1]-217. *Copy*: BR. – Reprinted from Publ. sect. Sci. nat. Institut G.-D.

Komarov, Vladimir Leontjevic (1869-1945, Russian botanist. (*Kom.*).

HERBARIUM and TYPES: LE; duplicates see IH. – *Exsiccatae*: *Fungi Rossiae exsiccati*, by Jaczewski, Komarov and Tranzschel, see Jaczewski.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 613; Backer p. 306; Barnhart 2: 312; BFM 1458; BJI 2: 93; Bossert p. 217; Bret. p. 1046; CSP 16: 404; Hirsch p. 156; Hortus 3: 1197 ("Kom."); IF 710, suppl. 2: 36, 3: 212, 4: 327; IH 2: 377; Kew 3: 295; Lipschitz 4: 289-302; LS 14288a-14290; MW p. 244-246, suppl. p. 175-176; NI 1089; Rehder 5: 467; SO 3050; Stevenson p. 1247; Tucker 1: 397.
Anon., Vladimir Komarov, Science Bull. Amer.-Sov. Sci. Soc. 1(6), Jan 1946, 2 p.
Kirpicznikov, Bot. Zhurn. 52: 1503-1529. 1967 (portr.; extensive history of Fl. SSSR); Taxon 18: 685-7.8. 1969.
Kotov, Ukr. bot. Zhurn. 27: 792-799. 1970 (fide Kew Record).
Kozlovskaja, Botanika (Minsk) 12: 278-283. 1970 (fide Kew Record).
Lipschitz, S. J., Vladimir Leontyevich Komarov 1869-1969, Leningrad 1972, 94 p.
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EPONYMY (genera): *Komaroffia* O. Kuntze (1887); *Komarovia* Korovin (1939); (journals): *Komarovskie Čtenija*. Vladivostok. 1 Vol. 1947; *Komarovskie Čtenija*. Moscow & Leningrad. Vol. i-x. 1949-x.

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These dates are those of official approval for publication. Actual availability may have been up to 25 days later (Kirpicznikov) (see for instance the dates of the addenda). An alphabetical list of the names of authors of taxa dealt with in vols. 1-30 was published on 29 Aug 1964 by L. I. Ivanina, T. G. Leonova and A. E. Macenko as Flora SSSR, Index alphabeticus auctorum ad taxa adductorum (also with Russian title), Moskwa, Leningrad 1964. Kirpicznikov mentions an oral communication by E. G. Bobrov that the first 6 volumes were reprinted in facsimile without the knowledge and consent of the editors. The first volume (1000 copies) of this reprint appeared on 14 Sep 1937. The reprint of the second volume (850 copies) was published possibly in 1934. It is not definitely known, however, whether reprints were made of volumes 3 through 6.

A second printing of volume 11 (originally 1941, 500 copies) took place from the original type in 1945 (publ. 23 July 1945, copies 501-4000).

For extensive details on this Flora see Kirpicznikov (1967); for further bibliographical details and a listing of the collaborators see Linczevski (1966).

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** The addenda-section at the end of most volumes contains descriptions of new taxa.

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	72-86	8 Jul 1937	Schipczinsky, N. V.	Ranunculaceae-Gen. 515-522
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Alismataceae	Juzepczuk, S. V.	1	278-291	Jan 1934
Amaranthaceae	Vassilczenko, I. T.	6	354-369	5 Nov 1936
Amaryllidaceae	Gorschkova, S. G.	4	485-494	25 Oct 1935
	Losina-Losinskaja, A. S.	4	476-481	25 Oct 1935
	Vvedensky, A. I.	4	481-485	25 Oct 1935
Anacardiaceae	Linczevski, I. A.	14	518-539	9 Mar 1949
Anonaceae	Palibin, I. V.	7	567-568	8 Jul 1937
Apocynaceae	Pobedimova, E. G.	18	645-662	16 Oct 1952
Aquifoliaceae	Pojarkova, A. I.	14	539-546	9 Mar 1949
Araceae	Kuzeneva, O. I.	3	478-491	30 Apr 1935
Araliaceae	Pojarkova, A. I.	16	[1]2-36	25 Nov 1950
Archichlamydeae	Komarov, V. L.	5	[1]2-20	22 Jun 1936
Aristolochiaceae	Ivanova, N. A.	5	431-441	22 Jun 1936
Asclepiadaceae	Pobedimova, E. G.	18	663-718	16 Oct 1952
Berberidaceae	Fedtschenko, B. A.	7	539-560	8 Jul 1937
	Bobrov, E. G.	5	253-268	22 Jun 1936
Betulaceae	Komarov, V. L.	5	306-319	22 Jun 1936
	Kuzeneva, O. I.	5	269-305	22 Jun 1936
Balsaminaceae	Pobedimova, E. G.	14	624-634	9 Mar 1949
Bignoniaceae	Vassilczenko, I. T.	23	[1]2-11	12 Dec 1958
Boraginaceae	Popov, M. G.	19	97-548, 565-691	5 Feb 1953
Boraginaceae	Pavlov, N. V.	19	548-565	5 Feb 1953
Butomaceae	Fedtdchenko, B. A.	1	291-293	Jan 1934
Buxaceae	Pojarkova, A. I.	14	503-511	9 Mar 1949
Callitrichaceae	Kreczetovicz, V. I.	14	495-503	9 Mar 1949
Campanulaceae	Federov, An. A.	24	126-450	9 Feb 1957
Capparidaceae	Bobrov, E. G.	8	[1]2-14	20 Mai 1939
Caprifoliaceae	Pojarkova, A. I.	23	419-584	12 Dec 1958
Caryophyllaceae	Schischkin, B. K.	6	386-870	5 Nov 1936
Celastraceae	Prokhanov, Y. I.	14	546-577	9 Mar 1949
Centrospermae	Schischkin, B. K.	6	[1]2	5 Nov 1936
Ceratophyllaceae	Kuzeneva, O. I.	7	14-20	8 Jul 1937
Chenopodiaceae	Iljin, M. M.	6	2-354	5 Nov 1936
Chloranthaceae	Kuzeneva, O. I.	5	20-21	22 Jun 1936
Cistaceae	Juzepczuk, S. V.	15	327-349	12 Dec 1949
Commelinaceae	Kuzeneva, O. I.	3	498-502	30 Apr 1935
Compositae	Afanasev, K. S.	26	68-124	31 Oct 1961
	Bobrov, E. G.	27	[1]2-53; 88-89	10 Aug 1962
	Borissova, A. G.	28	259-303; 305-308	24 Jun 1963
		29	115-198	24 Feb 1964
	Botschantzev, V. P.	27	535-537	10 Aug 1962
	Charadze, A. L.	28	51-215	24 Jun 1963
	Czerepanov, S. K.	27	56-57; 89-93	10 Aug 1962
		28	[1]2-4; 215-218; 240-259; 335-353; 356-364	24 Jun 1963
		29	375-388; 594-715	24 Feb 1964
	Federov, An. A.	26	9-66	31 Oct 1961
	Gorschkova, S. G.	25	569-572	22 Apr 1959
	Gorschkova, S. G.	26	669-682	31 Oct 1961
	Iljin, M. M.	26	655-669	31 Oct 1961
		27	538-713	10 Aug 1962

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Compositae (ctd.)				
	Iljin, M. M. & G. L. Semidel	28	39-43	24 Jun 1963
	Iljin, M. M.	28	43-51; 587-589	24 Jun 1963
	Iljin, M. M. & G. L. Semidel	28	303-305	24 Jun 1963
	Juxip, A. Y.	30	[1]2-732	18 Apr 1960
	Juzepczuk, S. V. & E. V. Sergievskaja	27	93-107	10 Aug 1962
	Kirpicznikov, M. E.	25	[1]2-17; 290-517	22 Apr 1959
		26	638-641	31 Oct 1961
		29	[1]2-10; 236-375	24 Feb 1964
	Klokov, M. V., N. N. Tzvelev, S. K. Czerepanov, D. I. Sosnovsky	28	370-579	24 Jun 1963
	Knorring, O. E.	26	288-292	31 Oct 1961
	Kuprianova, L. A.	26	641-655	31 Oct 1961
	Leonova, T. G.	29	560-591	24 Feb 1964
	Linczevski, I. A.	27	54-87	10 Aug 1962
	Lipschitz, S. Y.	27	361-535	10 Aug 1962
		29	27-115	24 Feb 1964
	Pobedimova, E. G.	26	147-184; 418-421	31 Oct 1961
		28	589-598	24 Jun 1963
	Pojarkova, A. I.	26	682-698; 788-857	31 Oct 1961
	Poljakov, P. P.	26	423-631	31 Oct 1961
	Schischkin, B. K.	26	699-788	31 Oct 1961
		29	405-560	24 Feb 1964
	Schostakovsky, S. A.	28	581-587	24 Jun 1963
	Smoljaninova, L. A.	25	517-532	22 Apr 1959
		26	421-423	31 Oct 1961
	Soskov, U. D.	28	308-322	24 Jun 1963
	Sosnovsky, D. I.	28	332-335; 353-356	24 Jun 1963
	Tamamschjan, S. G.	25	17-24	22 Apr 1959
		28	218-240	24 Jun 1963
	Tamamschjan, S. G. &	25	25-290	22 Apr 1959
	M. E. Kirpicznikov	25	25-290	22 Apr 1959
	Tamamschjan, S. G.	28	4-39	24 Jun 1963
	Tscherneva, O. V.	27	107-361	10 Aug 1962
	Tzvelev, N. N.	26	[1]2-9; 66-68; 125-147; 184-288; 292-418	31 Oct 1961
		28	323-332; 364-370; 579-581	24 Jun 1963
		29	11-20; 388-401	24 Feb 1964
	Tzvetkova, L. I.	26	124-125	31 Oct 1961
	Vassilczenko, I. T.	25	532-569	22 Apr 1959
		26	857-862	31 Oct 1961
		29	20-27; 229-236; 401-405; 591-594; 715-716	24 Feb 1964
	Vassiljiev, V. N.	29	199-229	24 Feb 1964
Convolvulaceae	Grigorjev, G. S.	19	[1]2-37	5 Feb 1953
Cornaceae	Pojarkova, A. I.	17	315-348	2 Jul 1951
Crassulaceae	Borissova, A. G.	9	8-134	22 Sep 1939
Cruciferae	Busch, N. A.	8	14-38; 55-59; 75-127; 130-135; 141-143; 144-222	20 Mai 1939

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Cruciferae	Busch, N. A. & I. T. Vassilczenko	8	229-235	20 Mai 1939
	Busch, N. A.	8	242-251; 256-273; 301-302; 306-309; 319-320; 328-333	20 Mai 1939
	Busch, N. A.	8	335-371; 454-456; 470-474; 495-524; 535-541; 545-596; 605-606	20 Mai 1939
	Czerniakowska, E. G.	8	285-299; 474-491	20 Mai 1939
	Fedtschenko, B. A.	8	541-545	20 Mai 1939
	Jarmolenko, A. V.	8	223-228	20 Mai 1939
	Pavlov, N. V.	8	524-535	20 Mai 1939
	Sinskaja, E. N.	8	459-470; 492-495	20 Mai 1939
	Tolmatschev, A. I.	8	371-454	20 Mai 1939
	Vassilczenko, I. T.	8	38-55; 59-75; 128-130; 135-141; 143-144; 202-203; 223; 228-229; 235-242; 251-256; 273-285; 299-301; 302-306; 309-319;	20 Mai 1939
		8	320-328; 333-335; 456-459; 491; 596-605; 617-629	
Cucurbitaceae	Vassilczenko, I. T.	24	91-125	9 Feb 1957
Cupressaceae	Komarov, V. L.	1	173-195	Jan 1934
Cuscutaceae	Butkov, A.	19	37-76	5Feb 1953
Cycadaceae	Komarov, V. L.	1	129-130	Jan 1934
Cynomoriaceae	Gorschkova, S. G.	15	670-671	12 Dec 1949
Cyperaceae	Juzepczuk, S. V.	3	26-37	30 Apr 1935
	Kreczetovicz, V. I.	3	111-464	30 Apr 1935
	Roshevitz, R. U.	3	25-26; 37-63; 98-104	30 Apr 1935
	Schischkin, B. K.	3	[1]2-25; 90-98	30 Apr 1935
	Sergievskaja, L. P.	3	105-111	30 Apr 1935
	Zinserling, J. D.	3	63-90	30 Apr 1935
Datiscaceae	Gorschkova, S. G.	15	479-481	12 Dec 1949
Diapensiaceae	Schischkin, B. K.	18	105-107	16 Oct 1952
Dioscoreaceae	Gontscharov, N. F.	4	494-498	25 Oct 1935
Dipsacaceae	Bobrov, E. G.	24	10-91	9 Feb 1957
Droseraceae	Juzepczuk, S. V.	9	[1]2-6	22 Sep 1939
Ebenaceae	Grubov, V. I.	18	475-483	16 Oct 1952
Elaeagnaceae	Gorschkova, S. G.	15	515-525	12 Dec 1949
Elatinaceae	Gorschkova, S. G.	15	259-271	12 Dec 1949
Empetraceae	Vassiljev, V. N.	14	511-517	9 Mar 1949
Ephedraceae	Bobrov, E. G.	1	195-204	Jan 1934
Equisetaceae	Iljin, ,M. M.	1	101-112	Jan 1934
Ericaceae	Busch, E. A.	18	23-72; 74-89	16 Oct 1952
	Pojarkova, A. I.	18	26-27; 61-62; 72-74; 89-93	16 Oct 1952
Eriocaulaceae	Steinberg, E. I.	3	494-498	30 Apr 1935
Eucommiaceae	Palibin, I. V.	9	273-274	22 Sep 1939
Euphorbiaceae	Pojarkova, A. I.	14	266-495	9 Mar 1949
Fagaceae	Bobrov, E. G.	5	320-322	22 Jun 1936
	Maleev, V. P.	5	322-353	22 Jun 1936
	Wulff, E. V.	5	354-359	22 Jun 1936
Frankeniaceae	Gorschkova, S. G.	15	271-275	12 Dec 1949

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Gentianaceae	Grossheim, A. A.	18	525-640	16 Oct 1952
Geraniaceae	Bobrov, E. G.	14	[1]2-62; 72-73	9 Mar 1949
	Vvedensky, A. I.	14	63-72; 74-76	9 Mar 1949
Globulariaceae	Bobrov, E. G.	23	128-131	12 Dec 1958
Gramineae	Gontscharov, N. F.	2	320-339	24 Aug 1934
	Komarov, V. L.	2	448-460	24 Aug 1934
	Kreczetovicz, V. I.	2	460-494	24 Aug 1934
Gramineae	Kreczetovicz, V. I. & E. G. Bobrov	2	494-545	24 Aug 1934
	Lavrenko, E. M.	2	302-303; 340-352	24 Aug 1934
	Lavrenko, E. & V. L. Komarov	2	303-306	24 Aug 1934
	Nekrassova, V. L.	2	298; 352-354	24 Aug 1934
	Nevski, S. A.	2	299-302; 432-448; 545-554; 587-728	24 Aug 1934
	Ovczinnikov, P. N.	2	127-159; 361-362	24 Aug 1934
	Roshevitz, R. U.	2	[1]2-127; 159-169; 188-297; 298-299; 302; 306-320; 339-340; 354-361; 362-432; 543-544; 583-585; 729-736	24 Aug 1934
	Schischkin, B. K.	2	170-188	24 Aug 1934
	Vvedenski, A. I., V. I. Kreczetovicz, S. A. Nevski & V. B. Soczava	2	554-583	24 Aug 1934
Guttiferae	Gorschkova, S. G.	15	201-258	12 Dec 1949
Halorrhagidaceae	Gorschkova, S. G.	15	662-668	12 Dec 1949
Hamamelidaceae	Palibin, I. V.	9	271-273	22 Sep 1939
Hippocastanaceae	Pojarkova, A. I.	14	622-623	9 Mar 1949
Hippuridaceae	Gorschkova, S. G.	15	668-670	12 Dec 1949
Hydrocaryaceae	Vassilev, V. N.	15	637-662	12 Dec 1949
Hydrocharitaceae	Fedtschenko, B. A.	1	293-298	Jan 1934
Hydrophyllaceae	Gorschkova, S. G.	19	95-97	5 Feb 1953
Hymenophyllaceae	Fomin, A. V.	1	17-18	Jan 1934
Isoetaceae	Iljin, M. M.	1	127-128	Jan 1934
Juglandaceae	Nekrassova, V. L.	5	247-252	22 Jun 1936
Juncaceae	Kreczetovicz, V. I. & N. F. Gontscharov	3	504-576	30 Apr 1935
Juncaginaceae	Fedtschenko, B. A.	1	275-278	Jan 1934
Iridaceae	Czerniakowska, E. G.	4	578-588	25 Oct 1935
	Fedtschenko, B. A.	4	498-557; 576-578	25 Oct 1935
	Vvedensky, A. I.	4	557-576	25 Oct 1935
Lauraceae	Palibin, I. V.	7	571-572	8 Jul 1937
Labiatae	Borissova, A. G.	20	232-233; 482-490; 494-498	1 Mar 1954
		21	411-469; 596-630	13 Sep 1954
		21	124-140; 142-144; 182-187; 374-381; 630-633	13 Sep 1954
	Juzepczuk, S. V.	20	[1]2-16; 39-69; 72-225; 253-273; 501-502	1 Mar 1954
		21	111-124; 140-141; 381-411	13 Sep 1954
	Klokov, M. V.	21	470-591	13 Sep 1954
	Knorring, O. E.	20	233-253; 500-501	1 Mar 1954

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Labiatae		21	[1]2-108; 160-182; 192-243	13 Sep 1954
	Kuprianova, L. A.	20	437-439	1 Mar 1954
		21	108-111; 144-160; 243-244	13 Sep 1954
	Levin, E. G.	20	275-282	1 Mar 1954
	Pissjaukova, V. V.	20	17-39	1 Mar 1954
	Pobedimova, E. G.	21	244-374	13 Sep 1954
	Pojarkova, A. I.	20	228-231; 273-275; 282-437; 474-482; 498-500	1 Mar 1954
		21	187-192	13 Sep 1954
	Schischkin, B. K.	20	70-71; 226-227; 439-474	1 Mar 1954
		21	[ii-vii]viii-xxii	13 Sep 1954
	Vassilczenko, I. T.	20	491-493	1 Mar 1954
	Volkova, E. V.	20	69-70	1 Mar 1954
		21	591-596; 633-641	13 Sep 1954
Leguminosae	Bobrov, E. G.	11	13-15; 176-261	23 Jul 1945
		13	520-530; 534-538	24 Jan 1948
	Borissova, A. G.	11	368-386	23 Jul 1945
		13	531-532	24 Jan 1948
	Fedtschenko, B. A. & I. T. Vassilczenko	13	[1]2-192; 206-213; 221-229	24 Jan 1948
	Fedtschenko, B. A.	13	259-319; 406-520	24 Jan 1948
	Gontscharov, N. F., M. G. Popov, A. G. Borissova, A. A. Grossheim, & I. T. Vassilczenko	12	[1]2-873	27 Sep 1946
	Gorschkova, S. G.	11	302-304; 305-310; 312-315	23 Jul 1945
		13	247-259	24 Jan 1948
	Grigorjev, G. S. & I. T. Vassilczenko	13	230-240	24 Jan 1948
	Grossheim, A. A.	11	102-176	23 Jul 1945
		13	319-367	24 Jan 1948
	Juzepczuk, S. V.	11	262-282	23 Jul 1945
	Kreczetovicz, V. I.	11	69-72; 75-94	23 Jul 1945
	Kuprianova, L. A.	11	284-297	23 Jul 1945
	Linczevski, I. A.	13	386-406	24 Jan 1948
	Losina-Losinskaja, A. S.	11	44-47; 51-54; 297-298	23 Jul 1945
		13	242-246	24 Jan 1948
	Muravjeva, O. A.	11	94-102	23 Jul 1945
	Palibin, I. V.	11	10-13; 15-23; 47-51; 304-305	23 Jul 1945
		13	373; 530-531; 532-534; 538	24 Jan 1948
	Pojarkova, A. I.	11	327-368	23 Jul 1945
Leguminosae	Schischkin, B. K.	11	[1]2-10; 35-37; 54-69; 72-75; 298-300	23 Jul 1945
		13	192-206; 213-218	24 Jan 1948
	Shaparenko, K. K.	11	315-326	23 Jul 1945
		13	367-373	24 Jan 1948
	Steinberg, E. I.	11	37-44; 282-284	23 Jul 1945
	Vassilczenko, I. T.	11	23-35; 300-302;	23 Jul 1945

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			310-311; 315	
		13	240-242	24 Jan 1948
	Vassiljev, V. N.	13	374-386	24 Jan 1948
Lemnaceae	Kuzeneva, O. I.	3	491-494	30 Apr 1935
Lentibulariaceae	Steinberg, E. I.		237-238	11 Dec 1958
Liliaceae	Czerniakovska, E. G.	4	15-37; 53-60; 442-447	25 Oct 1935
	Fedtschenko, B. A.	4	37-52; 453-456	25 Oct 1935
	Grossheim, A. A.	4	61-112; 369-379	25 Oct 1935
	Iljin, M. M.	4	424-442	25 Oct 1935
	Knorring, O. E.	4	456-475	25 Oct 1935
	Komarov, V. L.	4	[1]2; 282-295; 365-369; 423-424	25 Oct 1935
	Krascheninnikov, I. M.	4	364-365; 379-394	25 Oct 1935
	Kuzeneva, O. I.	4	3-14; 448-453	25 Oct 1935
	Losina-Losinskaja, A. S.	4	295-320; 395-422	25 Oct 1935
	Vvedensky, A. I.	4	112-282; 320-364	25 Oct 1935
Linaceae	Juzepczuk, S. V.	14	84-146	9 Mar 1949
Lobeliaceae	Gorschkova, S. G.	24	450-453	9 Feb 1957
Loranthaceae	Fedtschenko, B. A.	5	406-411	22 Jun 1936
Lycopodiaceae	ILjin, M. M.	1	112-122	Jan 1934
Lythraceae	Afanasë, K. S.	15	525-536	12 Dec 1949
	Muravjeva, O. A.	15	536-553	12 Dec 1949
Magnoliaceae	Palibin, I. V.	7	564-567	8 Jul 1937
Malvaceae	Iljin, M. M.	15	23-170	12 Dec 1949
	Prohkanov, Y. I.	15	170-184	12 Dec 1949
Marsileaceae	Fomin, A. V.	1	90-92	Jan 1934
Martyniaceae	Gorschkova, S. G.	23	18-19	12 Dec 1958
Meliaceae	Linczevski, I. A.	14	244-246	9 Mar 1949
Menispermaceae	Komarov, V. L.	7	560-564	8 Jul 1937
Menyanthaceae	Bobrov, E. G.	18	640-645	16 Oct 1952
Monotropaceae	Bobrov, E. G.	18	19-22	16 Oct 1952
Moringaceae	Bobrov, E. G.	24	[1]2-10	9 Feb 1957
Myricaceae	Kuzeneva, O. I.	5	242-244	22 Jun 1936
Myrtaceae	Schischkin, B. K.	15	554-565	12 Dec 1949
Najadaceae	Juzepczuk, S. V.	1	269-275	Jan 1934
Nyctaginaceae	Schischkin, B. K.	6	370-371	5 Nov 1936
Nymphaeaceae	Komarov, V. L.	7	2-14	8 Jul 1937
Oleaceae	Vassilev, V. N.	18	483-525	16 Oct 1952
Onagraceae	Steinberg, E. I.	15	565-637	12 Dec 1949
Ophioglossaceae	Fomin, A. V.	1	92-100	Jan 1934
Orchidaceae	Nevski, S. A.	4	589-730	25 Oct 1953
Orobanchaceae	Novopokrovsky, I. V.	23	19-115	12 Dec 1958
	Popov, M. G.	23	115-116	12 Dec 1958
Osmundaceae	Fomin, A. V.	1	87-89	Jan 1934
Oxalidaceae	Gorschkova, S. G.	14	76-83	9 Mar 1949
Palmae	Palibin, I. V.	3	464-477	30 Apr 1935
Papaveraceae	Popov, M. G.	7	573-717	8 Jul 1937
Pedaliaceae	Vassilczenko, I. T.	23	11-17	12 Dec 1958
Phrymaceae	Kuprianova, L. A.	23	131-133	12 Dec 1958
Phytolaccaceae	Kuzeneva, O. I.	6	372-373	5 Nov 1936
Pinaceae	Komarov, V. L.	1	133-173	Jan 1934
Pittosporaceae	Palibin, I. V.	9	270-271	22 Sep 1939
Plantaginaceae	Grigorjev, G. S.	23	133-164	12 Dec 1958
Platanaceae	Palibin, I. V.	9	274-279	22 Sep 1939
Plumbaginaceae	Linczevski, I. A.	18	292-297; 301-408; 411-467	16 Oct 1952
	Pohkova, O. I.	18	467-474	16 Oct 1952

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	Steinberg, E. I.	18	297-298; 408-411	16 Oct 1952
Polemoniaceae	Vassiljev, V. N.	19	77-95 (compl.)	5 Feb 1953
Polygalaceae	Nevski, S. A.	14	246-266	9 Mar 1949
Polygonaceae	Komarov, V. L.	5	442-443; 594-701	22 Jun 1936
	Losina-Losinskaja, A. S.	5	444-501; 702-704 (compl.)	22 Jun 1936
	Pavlov, N. V.	5	501-594	22 Jun 1936
Polypodiaceae	Fomin, A. V.	1	18-87	Jan 1934
Pontederiaceae	Kuzeneva, O. I.	3	502-503	30 Apr 1935
Portulacaceae	Kuzeneva, O. I.	6	376-386	5 Nov 1936
Potamogetonaceae	Juzepczuk, S. V.	1	229-265	Jan 1934
Primulaceae	Federov, An. A.	18	108-292	16 Oct 1952
Punicaceae	Borissova, A. G.	15	553-554	12 Dec 1949
Pyrolaceae	Busch, N. A.	18	7-19	16 Oct 1952
Rafflesiaceae	Komarov, V. L.	5	441-442	22 Jun 1936
Ranales	Komarov, V. L.	7	[1]2	8 Jul 1937
Ranunculaceae	Bobrov, E. G.	7	528-539	8 Jul 1937
	Bulavkina, A. A.	7	86-99	8 Jul 1937
	Juzepczuk, S. V.	7	236-307	8 Jul 1937
	Komarov, V. L.	7	20-23	8 Jul 1937
Ranunculaceae	Krascheninnikov, I. M.	7	57-60; 62-72; 307-324	8 Jul 1937
	Kreczetovicz, V. I.	7	335-350	8 Jul 1937
	Nevski, S. A.	7	99-183	8 Jul 1937
	Ovczinnikov, P. N.	7	324-335; 351-528	8 Jul 1937
	Schipczinsky, N. V.	7	24-57; 60-62; 72-86	8 Jul 1937
	Steinberg, E. I.	7	183-236	8 Jul 1937
Resedaceae	Czerniakowska, E. G.	8	606-617	20 Mai 1939
Rhamnaceae	Grubov, V. I.	14	634-674	9 Mar 1949
Rosaceae	Juzepczuk, S. V.	9	279-281; 357-372	22 Sep 1939
		10	[1]2-509	8 Jan 1941
	Komarov, V. L.	9	372-387	22 Sep 1939
		10	575-583	8 Jan 1941
	Kostina, K. F.	10	584-604	8 Jan 1941
	Kovalev, N. V.	10	510-521	8 Jan 1941
	Linczevski, I. A. & An. Fedorov	10	522-547	8 Jan 1941
	Maleev, V. P.	9	336-357	22 Sep 1939
	Pojarkova, A. I.	9	281-335; 406-468	22 Sep 1939
		10	547-575	8 Jan 1941
	Schischkin, B. K.	10	509-510	8 Jan 1941
	Zinserling, J. D.	9	387-406	22 Sep 1939
Rosales	Juzepczuk, S. V.	9	6-8	22 Sep 1939
Rubiaceae	Linczevski, I. A.	23	164-168; 170-193; 381-382	12 Dec 1958
	Pobedimova, E. G., M. V. Klokov, & B. K. Schischkin	23	193-285	12 Dec 1958
	Pobedimova, E. G.	23	286-381	12 Dec 1958
Rubiaceae	Pojarkova, A. i.	23	382-419	12 Dec 1958
	Schischkin, B. K.	23	169; 285-286	12 Dec 1958
Rutaceae	Vvedensky, A. I.	14	198-241	9 Mar 1949
Salicaceae	Komarov, V. L.	5	21-23; 216- 242	22 Jun 1936
	Nasarov, M. I.	5	23-216	22 Jun 1936
Salviniaceae	Fomin, A. V.	1	89-90	Jan 1934
Santalaceae	Bobrov, E. G.	5	412-431	22 Jun 1936

Subject	Author(s)	Volume	Pagination	Date
Saururaceae	Kuzeneva, O. I.	5	20	22 Jun 1936
Saxifragaceae	Losina-Losinskaja, A. S.	9	135-219	22 Sep 1939
	Pojarkova, A. I.	9	220-270	22 Sep 1939
Selaginellaceae	Iljin, M. M.	1	122-126	Jan 1934
Scrophulariaceae	Borissova, A. G.	22	329-500	18 Jun 1955
	Fedtschenko, B. A.	22	122-174	18 Jun 1955
	Golubkova, V. F.	22	316-318; 555-556; 641-658; 795-797; 799-803	18 Jun 1955
	Gorschkova, S. G.	22	174-175; 229-310; 318-329; 529-554	18 Jun 1955
	Ivanina, L. I.	22	512-528	18 Jun 1955
	Juzepczuk, S. V.	22	557-640	18 Jun 1955
	Kuprianova, L. A.	22	175-229	18 Jun 1955
	Novopokrovsky, I. V.	22	310-315; 803-805	18 Jun 1955
	Schischkin, B. K.	22	117-122; 511-512; 554-555; 686-687; 797-799	18 Jun 1955
	Vassilczenko, I. T.	22	659-685	18 Jun 1955
	Vikulova, N. V.	22	500-511	18 Jun 1955
	Vvedensky, A. I.	22	687-795	18 Jun 1955
Simarubaceae	Linczevski, I. A.	14	241-244	9 Mar 1949
	Linczevski, I. A.	22	75-77	18 Jun 1955
Solanaceae	Pojarkova, A. I.	22	[1]2-42; 57-75; 77-99; 106-117	18 Jun 1955
	Prokhanov, Y. I.	22	42-57	18 Jun 1955
	Semenova, M. N.	22	99-106	18 Jun 1955
Sparganiaceae	Juzepczuk, S. V.	1	216-229	Jan 1934
Staphyleaceae	Pojarkova, A. I.	14	577-580	9 Mar 1949
Sympetalae	Schischkin, B. K.	18	[1]2-7	16 Oct 1952
Tamaricaceae	Gorschkova, S. G.	15	276-327	12 Dec 1949
Taxaceae	Komarov, V. L.	1	131-133	Jan 1934
Theaceae	Schischkin, B. K.	15	197-201	12 Dec 1949
Thelygonaceae	Schischkin, B. K.	6	371-372	5 Nov 1936
Thymelaeaceae	Pobedimova, E. G.	15	481-515	12 Dec 1949
Tiliaceae	Maleev, V. P.	15	[1]2-23	12 Dec 1949
Tropaeolaceae	Palibin, I. V.	14	83-84	9 Mar 1949
Typhaceae	Fedtschenko, B. A.	1	209-216	Jan 1934
Umbelliferae	Bobrov, E. G.	16	57-88	25 Nov 1950
	Fedtschenko, B. A.	16	186-191; 252-254; 263-273	25 Nov 1950
	Koroleva, K. M.	17	155-165	2 Jul 1951
	Korovin, E. P.	16	151-152; 204-218; 396-411; 415-421; 563-566	25 Nov 1950
		17	62-142; 203-208; 211-214	2 Jul 1951
	Linczevski, I. A.	16	275-349	25 Nov 1950
	Mandenova, I. P.	17	222-260	2 Jul 1951
Umbelliferae	Schischkin, B. K.	16	36-57; 88-151; 153-186; 191-204; 218-252; 254-263; 273-274; 349-396; 412-415; 421-563; 566-584	25 Nov 1950
		17	[1]2-61; 142-155; 165-203; 208-211; 214-222; 261-314	2 Jul 1951

Subject	Author(s)	Volume	Pagination	Date
Urticales	Jarmolenko, A. V.	5	359-405	22 Jun 1936
Vacciniaceae	Pojarkova, A. I.	18	93-104	16 Oct 1952
Valerianaceae	Grubov, V. I.	23	585-682	12 Dec 1958
Verbenaceae	Gorschkova, S. G.	19	692-700	5 Feb 1953
Violaceae	Juzepczuk, S. V.	15	350-479	12 Dec 1949
Vitaceae	Sosnovski, D. I.	14	674-710	9 Mar 1949
Zosteraceae	Juzepczuk, S. V.	1	265-269	Jan 1934
Zygophyllaceae	Bobrov, E. G.	14	146-198	9 Mar 1949

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Kirpicznikov, M. E., Bot. Zhurn. 52: 1503-1529. 1967; Taxon 18; 685-708. 1969.

Konrad, Paul (1877-1948), Swiss geometrician; amateur mycologist and botanical artist at Neuchâtel, from 1902 with the Compagnie des Tramways de Neuchâtel, director 1938-1948; Dr. sci. h.c. Neuchâtel 1932. (*Konrad*).

HERBARIUM and TYPES: Konrad's mycological drawings are at NEU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 313; Kew 3: 296; LS suppl. 14596-14636; Stevenson p. 1247.
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COMPOSITE WORKS: With A. Maublanc: *Les Agaricales*. Classification. Révision des espèces. Iconographie. Comestibilité. I. Agaricaceae *Encyclopédie mycologique* 14, Paris 1948, 469 p.; II Russulacées 1952.

EPONYMY: The etymology of *Konradia* Raciborski (1900) could not be established.

3858. *Icones selectae fungorum* ... Paris (Paul Lechevalier ...) 1924-1937, 6 vols. Qu. (*Icon. select. fung.*).
Co-author: André Maublanc (1880-1958).
Publ.: in 10 fascicles, the precise contents and dates of which are given in vol. 6. (1: 1924, but Nat. Nov. Aug 1925; 2: Mar 1926; 3: Mai 1927; 4: Jul 1928; 5: Oct 1929; 6: Dec 1930; 7: Jun 1932; 8: Mar 1934; 9: Mai 1935; 10: Dec 1936, distr. Apr 1937).
1: [i]-viii, *pl. 1-100*, with text.
2: [i]-xi, *pl. 101-199*, id.
3: [i*-iii*], [i]-vi, *pl. 200-299*, id.
4: [i]-x, *pl. 300-400*, id.
5: [i]-x, *pl. 401-500*, id.
6: [i*-iii*], [i]-iii, [i]-iv, portraits of Maire, Konrad, Maublanc and Lechevalier, err. xiii-xvi, indexes [1-19], [1]-558.
Copies: M, MICH, MO, NY, Stevenson, U.

3859. *Révision des hyménomycètes de France* et des pays limitrophes par P. Konrad (de Neuchâtel) et A. Maublanc (de Paris) ... préface de René Maire ... (Extrait des Icones slectae fungorum) Paris (Paul Lechevallier ...) 1924-1937. Qu. (*Rév. hyménomyc. France*).
Co-author: André Maublanc (1880-1958).
Preface: René Charles Joseph Ernest Maire (1878-1949).
Publ.: In 10 parts, 1924-1937 (see above, under *Icones*), p. [i*-iii*], [i]-iii, [1]-558. *Copies*: BR, G, M. – Separate issue of the text volume [6] of the *Icones selectae fungorum*.

Koorders, Sijfert Hendrik (1863-1919), Dutch-Indonesian forester and botanist at Buitenzorg (Bogor); Dr. phil. Bonn 1897; in the Dutch East Indian Forest Service from 1885 stationed in Java; from 1892-1903 and 1910-1919 working at BO. (*Koord.*)

HERBARIUM and TYPES: BO (40.000); duplicates: A, B, BR, CAL, G, GRO, K, L, P, PNH, U, UC.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 306; Barnhart 2: 313; BJI 1: 33, 2: 93; BL 1: 104, 105, 111, 112, 113, 304; BM 2: 1016; Bossert p. 217; CSP 16: 415; GR p. 706-707; Hortus 3: 1197 ("Koord."); IH 2: 379; JW 1: 445, 2: 194, 3: 357; Kew 3: 297; Lenley p. 253; LS 14299u, 35555-35559, suppl. 14640; NI 1090-1901; Rehder 5: 468; SK 1: xxxi, 292-294; Tucker 1: 397-398, 776-777.

Anon., Bot. Not. 1920: 126; Nuova Notarisia 32: 72. 1921; Tijdschr. k. Ned. aardrijksk. Genootsch. ser. 2. 37: 118. 1920.

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EPONYMY: *Koordersiella* von Höhnel (1909); *Koordersina* O. Kuntze (1903); *Koordersiochloa* Merill (1917); *Koordersiodendron* Engler (1898).

3860. *Zakflora voor Java.* Sleutel tot de geslachten en familien der woudboomen van Java , . . Batavia en Noordwijk (Ernst & Co.) 1893. Oct. (*Zakfl. Java*).
Publ.: Jan-Jun 1893 (Nat. Nov. Jul(1) 1893, Jan(1) 1894), p. [1]-120, [1, err.]. *Copies*: L, M, U. – Reprinted from Nat. Tijdschr. Ned. Indie 52(4). 1893.

3861. *Plantkundig woordenboek* voor de boomen van Java met korte aanteekeningen over de bruikbaarheid van het hout . . . Batavia – 's Gravenhage (G. Kolff & Co.) 1894. Oct. (*Plantk. woordenb.*).
Publ.: Mai-Dec 1894 (pref. 20 Apr 1894; Nat. Nov. Feb(1) 1895), p. [i*], [i]-xx, [1-3], 1-193, [1-2, err.; 1, add.]. *Copy*: U, USDA. – Mededeelingen uit 's Lands Plantentuin xii.

3862. *Bijdrage* no. 1 [-13] *tot de kennis der boomsoorten van Java* door S. H. Koorders, . . . en Dr. Th. Valeton, . . . Additamenta ad cognitionem florae javanicae . . . [1-4:] Batavia – 's Gravenhage, [5-13:] Batavia (G. Kolff & Co.) 1894 [-1914]. Oct. (*Bijdr. boomsoort. Java*).
Co-authors: Theodoric Valeton (1855-1929) (botanical text), 12, 13: Joannes Jacobus Smith (1867-1947).
Publ.: A series of publications also numbered in the Mededeelingen uit 's Lands Plantentuin [Med.].

1: 1894 (pref. Aug 1893), [i-v], [1]-363, [1, err.]; Med. xi.
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3: 1896 (pref. 15 Apr 1895; Nat. Nov. Sep(2) 1896), [i-v], [1]-320; Med. xvi.
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6: 1900 (pref. 8 Aug 1899; Nat. Nov. Jul(1) 1901), [i-] ii [-iii], [1]-471; Med. xl.
7: 1900 (pref. 17 Oct 1900; Nat. Nov. Jul(1) 1901), [i*, iii*], [i]-iii, [1]-231; Med. xlii.
8: 1902 (pref. Mai 1902; Nat. Nov. Apr(2) 1903), p. [i]-v, [1]-285; Med. lix.
9: 1903 (Nat. Nov. Dec(1) 1903), p. [i]-v, [1]-407.
10: 1904 (Bot. Zeit. 1 Jan 1905; Nat. Nov. Jan(1) 1905), p. [i]-vi, [1]-287; Med. lxviii.
11: 1906 (Nat. Nov. Oct(2) 1906), p. [i], [1]-277, [1]-12; Mededeelingen uitgaande van het Departement van Landbouw no. 2.

12: by J. J. Smith, 1910 (pref. 27 Jul 1909; Nat. Nov. Apr(2) 1911), p. [i]-vi, [1]-782; Med. [as 11] no. 10.
13: by Th. Valeton and J. J. Smith, 1914 (pref. 9 Jun 1913; Nat. Nov. Jan 1915), p. [i]-vii, [1]-286; Med. [as 11] no. 18.
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3863. *Verslag eener botanische dienstreis door de Minahasa* tevens eerste overzicht der flora van N.O. Celebes uit een wetenschappelijk en praktisch oogpunt. (Met 10 kaarten en 3 platen) . . . Batavia-'s Gravenhage (G. Kolff & Co.) 1898. Oct. (*Versl. Minahasa*).
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Ref.: Karsten, Bot. Zeit. 57(2): 84. 16 Mar 1899.

3864. *Botanische Untersuchungen über einige in Java vorkommenden Pilze*, besonders über Blätter bewohnende, parasitisch auftretende Arten . . . Amsterdam (Johannes Müller) 1907. Oct. (*Bot. Unters. Pilze*).
Publ.: Nov 1907 (cover; p. 5: 26 Jun 1907, Nat. Nov. Feb(1) 1908), p. [i-iv], [1]-264, *pl. 1-12*. *Copies*: BR, L, M, NY, Stevenson, U. – Verh. kon. Wet. Amsterdam, tweede sectie, 13(4).

3865. *Die Piperaceae von Java*. Resultate von systematisch-botanischen Untersuchungen über die Piperaceae von Java, insbesondere über die in den Herbarien von Berlin, Buitenzorg, Kew, Leiden und Utrecht angetroffenen javanischen Arten, nebst Angaben über die Verbreitung, die Standortsbedingungen, den Nutzen und die einheimischen Namen derselben. (Beitrag zur Kenntniss der Flora von Java no. ii.) . . . Amsterdam (Johannes Müller) 1908. Oct. (*Piperac. Java*).
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3866. *Exkursionsflora von Java* umfassend die Blütenpflanzen mit besonderer Berücksichtigung der im Hochgebirge wildwachsenden Arten im Auftrage des niederländischen Kolonialministeriums bearbeitet . . . Jena (Verlag von Gustav Fischer) 1911-1937, 4 vols. Oct. † (*Exkurs.-Fl. Java*).

1: Dec 1911 (p. xiv: 9 Sep 1911; J. Bot. Apr 1912; Nat. Nov. Jan(2) 1912), p. [ii]-xxiv, [1, cont.], [1]-413, *pl. 1a, 1-6*.
2: Mar-Apr 1912 (Nat. Nov. Apr(2) 1912), p. [ii-v], [1]-742, *pl. 7-13*.
3: Aug 1912 (p. viii: Mai 1912; pref. vol. 3; J. Bot. Oct 1912; Nat. Nov. Sep(1) 1912), p. [ii]-viii, [1]-498, *pl. 14-19*, 4 maps.
4 [*Atlas*]: 1913-1937, in nine parts ("Abteilungen"), of which nos. 2 and 7 were published by Anna Koorders-Schumacher (1870-1934); covers Cycad.-Ranunc., Legum. p.p.
1 (fam. 1-19): 1 Nov 1913 (p. [iv]), p. [i-iv], 1-81, *fig. 1-190*. (Nat. Nov. Nov(2) 1913).
2 (fam. 20-21): 1921 (pref. Aug 1921; Nat. Nov. Apr 1922), p. [i, iii], 83-167, *fig. 191-355*.
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4(2) (fam. 50/64): 1924 ((Nat. Nov. Jun 1924) MO rd. 30 Jun 1924), p. [i]-iv, 419-500, *fig. 685-780*.
5(1) (fam. 65-73): 1925 (p. [iii]: Autumn 1925; MO rd. 6 Jan 1926), p. [i]-vi, 501-588, *fig. 781-870*.
5(2) (fam. 74-91): Feb 1926 (Nat. Nov. Mar 1926; MO rd. 5 Jan 1927), p. [i]-iv, 589-688, *fig. 871-976*.
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7(2) (fam. 128): 1937 (p. vii: Dec 1936; MO rd. 27 Mai 1937), p. [i-vii], 961-1019, *fig. 1253-1313*.
Copies: MICH, MO, NY, U, US, USDA. – Part 6 was not published.
Ref.: Rendle, J. Bot. 50: 136-138. Apr 1912(1), 50: 319-320. Oct 1912(3), 75: 359-360. Dec 1937.

Backer, C. A., Kritiek op de Exkursionsflora van Java. Weltevreden 1913.
Koorders, S. H., Opmerkingen over eene Buitenzorgsche kritiek op mijn Exkursionsflora von Java. Batavia 1914, 201 p.

3867. *Atlas der Baumarten von Java* in Anschluss an die "Bijdragen tot de kennis der boomsoorten van Java" zusammengestellt von Dr. S. H. Koorders und Dr. Th. Valeton . . . herausgegeben von Dr. S. H. Koorders. Leiden (Buch- und Steindruckerei von Fa. P. W. M. Trap) 1913-1918, 4 vols. (*Atlas Baumart. Java*).

vol.	part	contents	dates
1	1	[i]-vii, *pl. 1-50* (w.t.), err. slip	Jan 1913
	2	[i], *pl. 51-100*, err. slip	Mar 1913
	3	[i], *pl. 101-150*, err. slip	Jul 1913
	4	[i-xii], [i], *pl. 151-200*, err. slip	Sep 1913
2	5	[i], *pl. 201-250*	Oct 1913
	6	[i], *pl. 251-300*, err. slip	Feb 1914
	7	[i], *pl. 301-350*, 2 err, slips	Jul 1914
	8	[i-xiii], [i], *pl. 351-400*, err. slip	Oct 1914
3	9	[i], *pl. 401-450*, err. slip	Dec 1914
	10	[i], *pl. 451-500*	Apr 1915
	11	[i], *pl. 501-550*, err. slip	Mai 1915
	12	[i-xii], [i], *pl. 551-600*	Oct 1915
4	13	[i], *pl. 601-650*, err. slip	Feb 1916
	14	[i], *pl. 651-700*, err. slip	Mai 1916
	15	[i], *pl. 701-750*	Sep 1916
	16	[i-v], *pl. 751-800*	Mar 1918

Copies: MICH, MO, NY (orig. covers), U, USDA (orig. covers). "In general the plates are bad and not trustworthy, . . ." (van Steenis).

3868. *Botanisch overzicht der Rafflesiaceae* van Nederlandsch-Indie. Met determinatie-tabellen en soortsbeschrijvingen; hoofdzakelijk naar Solms-Laubach. Bewerkt door Dr. S. H. Koorders. (Met 19 platen). Batavia (G. Kolff & Co.) 1918. Oct. (*Bot. overz. Raffles.*).
Publ.: 20 Mai 1918 (originally planned to be issued 1 Mai 1918, but then provided with new addenda and publication deferred until 20 Mai 1918; corr. in ink on p. 2 from 1 to 20 Mai; KNAW copy signed by author "Buitenzorg 20 Mei 1918."), p. [i*-ii*], plate *1bis*, [i]-vi, *pl. 1-18*, [1]-124, new addenda [124(1)]-124(15), index 125-128. *Copy*: KNAW. – Issued to commemorate the centenary of the discovery of *Rafflesia Arnoldi*.

3869. *Flora von Tjibodas* umfassend die Blütenpflanzen welche in der botanischen Tjibodas-Waldreserve und oberhalb derselben auf den West-Javanischen Vulkanen Pangerango und Gede wildwachsend vorkommen . . . Batavia (Verlag von N.V. Boekhandel Visser & Co.) 1918-1923. Oct. (*Fl. Tjibodas*).

Band	Abt.	Lief.	contents	dates
1	1	1	[1]-54, *pl. 1*	17 Mai 1918
	2	6	[i]-vi, [1]-61	Oct 1922
	3	5	[i-ii], [1]-128	31 Mai 1919
2		7	[i*-ii*], [i]-ii, [1]-246	31 Oct 1923
3	1	3	[i], [1]-80	15 Dec 1918
		4	81-144	15 Dec 1918
	2	2	[i-ii], [1]-96	30 Sep 1918
	3	8	[i-ii], [1]-31	31 Oct 1923

Copy: U.

3870. *Supplement* op het eerste gezicht der *Flora van N.O. Celebes* tevens verslag eener botanische dienstreis door de Minahasa (Enumeratio specierum phanerogamarum Minah-

assae. Suppl.) . . . Batavia (Uitgave van Visser & Co. – Druk van Ruygrok & Co.) 1918-1922. (*Suppl. Fl. Celebes*).
Aflevering 1: 15 Nov 1918, p. [1]-30, *pl. 1a, 1b, 2, 3a, 3b, 4a, 4b, 5a, 5b, 6, 7a, 7b, 8a, 8b, 9, 10* (uncol.).
[*Aflevering 2*]: Jul-Dec 1920, p. [i-v], [32]-50, *pl. 11-13, 14a/b*. Reprinted from Bull. Jard. bot. Buitenzorg ser. 3. 2(3): 242-260. 1920.
Deel 2: Jul-Dec 1922, p. [1]-9, *pl. 1-27*; no imprint, published by A. Koorders-Schumacher.
Deel 3: Dec 1922, p. [i-iii], [1]-60 (captions for plates *1-127*), no imprint, published by A. Koorders-Schumacher.
Copy: USDA. – This is a supplement to the "Flora" contained in the *Verslag eener botanische dienstreis door de Minahasa* of 1898, treated above, no. 3863.

Koorders-Schumacher, Anna (1870-1934), German-born Dutch botanist; married to S. H. Koorders. (*Koord.-Schum.*).

TYPES: The S. H. Koorders herbarium is at BO. Mrs Koorders does not seem to have collected herself.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 313; BL 1: 104, 107, 113, 304; Kew 3: 297; SK 1: 292-294.
Verdoorn, F., Chron. Bot. 1: 225. 1935.

3871. *Systematisches Verzeichnis* der zum Herbar Koorders gehörenden, in Niederländisch-Ostindien, besonders in den Jahren 1888-1903 gesammelten Phanerogamen und Pteridophyten nach den original-Einsammlungs-Notizen und Bestimmungs Etiketten, unter der Leitung von Dr. S. H. Koorders zusammengestellt und herausgegeben von Frau A. Koorders-Schumacher. Buitenzorg/Batavia (Im Selbstverlag der Verfasserin) 1910-1913 [-1914]. Oct. (*Syst. Verz.*)

Abt.	§	Lief.	Contents	Dates
I	1	3	Fam. 1-7, 51, 62, 248	Mar 1911
(Java)	1	4	Fam. 199	Apr 1911
	1	5	Fam. 19, 50, 53-60, 63, 64	Jan 1912
	1	6	Fam. 102, 147, 149	Feb 1912
	3-4	7	Bemerk. p. 1-12 + 4 Karten	Mai 1912
	1, 2	8	Fam. 128, 140-145, 153, 157-159, 162, 166, 168-175, 177, 187-189, 194, 198, 253 + Peteridoph.	Jun 1912
	1	9	Fam. 8-18, 20-49, 66, 69-94,	Dec 1912
I (Java)	1	9	98-101, 103-111, 117, 161, 163-165	
	5-6	10	Bot. Nummerlisten	Jun 1913
	7-9	11	Fam. 65, 67, 95, 115 118-127, 129-139, 178-186, 201, 247, 249-252, 254-280, Indeterm., Nachträge, Bemerk. Holzmust. Register	7 Dec 1913
	-	-	Verbesserungen von Q-Nummern d. Syst. Verz.	Mai 1916
II	1	1	p. [1]-32	12 Dec 1910
(Sumatra)	2-4	2	p. 33-59	Jan 1911
III-V (Celebes, Lombok, etc.)	5-6	12	p. 61-62 (Nachtr. Abt. II), p. [1]-148, [i-vii]	Mai 1914

Part I: deals with Java.
Parts II-V: deal with Sumatra, Celebes, Lombok, other islands, and general remarks.
Copies: G (orig. covers), MICH, MO, NY (id.), U.
Ref.: Steenis-Kruseman, M. J. van, Fl. males. Bull. 16: 822-823. 1961.

Koppe, Carl [Karl] **Friedrich August** (1803-1874), German botanist and high school teacher at Soest. (*Koppe*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 1016; Dryander 4: 222; Kew 3: 298.

3872. Nachricht über das Archigymnasium zu Soest für den Zeitraum von Ostern 1858 bis dahin 1859 . . . Voran geht: *Standorte in und bei Soest wachsender Pflanzen* von dem Professor Dr. C. Koppe. Soest (Nasse'sche Buchdruckerei) [1859]. Qu. (*Standorte Soest*).
Publ.: Apr-Mai 1859, p. [i], [1]-31 (full *Nachricht*: 1-41).)*Copy*: NY.

3873. *Flora von Soest.* Bearbeitet von K. Koppe, . . . und W. Fix, . . . Als 2. Auflage der von Koppe herausgegebenen Schrift: Standorte in und bei Soest wachsender Pflanzen. Soest (Nasse'sche Verlagsbuchhandlung) 1865. Oct. (*Fl. Soest*).
Co-author: W. Fix.
Publ.: late summer 1865 (Flora 21 Oct 1865), p. [i]-xiv, 1-88, [1]-125, [126-136]. *Copy*: B. – A second edition of the above *Standorte Soest* (1859) (3872).

Kops, Jan (1765-1849), Dutch agronomist and botanist, professor of botany at Utrecht. (*Kops*).

HERBARIUM and TYPES: NBV. – Many originals of the later plates of the *Flora batava* at L.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 306-307; Barnhart 2: 313; BL 2: 425, 676; BM 2: 1016; CSP 3: 732; Jackson p. 324, 441; JW 2: 194, 3: 357, 5: 244; Kew 3: 298; LS 14300, suppl. 14650; NI (alph.) 2247; NNBW 10: 489-491; Oudemans 2: 239-245; PR 4821-4822 (ed. 1: 5358-5359); Rehder 5: 469; Tucker 1: 398.
Anon., Album studiosorum acad. rheno.-traj. 1636-1886, Utrecht 1886, no. 124; Bot. Not. 1849: 88, 1888: 205; Bot. Zeit. 7: 296. 1849; Flora 32: 480. 1849.
Baert, J., Kops, pionier van Hollands landbouw. 's Gravenhage 1943, 89 p. (main biography; emphasis on agricultural achievements, bibl., portr.).
Huizinga, J., Verz. Werken 8: 108, 110. 1951.
Stafleu, F. A., Wentia 16: 2, 13, 26, 55. 1966.

EPONYMY: *Kopsia* Dumortier (1822, *nom. rej.*); *Kopsia* Blume (1823, *nom. cons.*); *Kopsiopsis* (Beck von Mannagetta) Beck von Mannagetta (1930).

3874. *Flora batava*, afgebeeld door en van wegens J. C. Sepp en Zoon; beschreven door Jan Kops . . . Amsterdam (J. C. Sepp en Zoon) [1800-1940], 28 vols. Qu. (*Fl. bat.*).
Publ.: In 461 parts, the contents of which are given in the text. The precise dates of the parts are not yet completely known. The plates are all accompanied by 1-2(-4) p. text in french and dutch.

Vol.	parts	contents	t.p. date	Imprint
1	1-13	engr. t.p., [i]-iv, [1-2], [1]-5, *pl. 1-80.*	[1800]	A'dam, J. C. Sepp en Zoon
2	14-29	engr. t.p., [i]-iii, [1]-5, *pl. 81-160.*	1807	J. C. Sepp en Zoon
3	30-45	engr. t.p., [1-2], [1]-2, *pl. 161-240.*	1814	J. C. Sepp en Zoon
4	46-61	engr. t.p., *pl. 241-320*, [1]-8.	1822	J. C. Sepp en Zoon
5	62-77	engr. t.p., p. [1]-2, *pl. 321-400*, [1]-6.	1828	J. C. Sepp en Zoon
6	78-93	engr. t.p., *pl. 401-480*, [1]-8.	1832	J. C. Sepp en Zoon
7	94-109	engr. t.p., *pl. 481-560*, [1]-8.	1836	J. C. Sepp en Zoon
8	110-125	engr. t.p., *pl. 561-640*, [v]-x.	1844	J. C. Sepp en Zoon
9	126-142	engr. t.p., [i]-ii, *pl. 641-720*, [iii]-x.	1846	J. C. Sepp en Zoon
10	143-158	engr. t.p., [i]-iv, *pl. 721-800*, [i]-viii.	1849	J. C. Sepp en Zoon
11	159-174	engr. t.p., [i]-ii, *pl. 801-880*, [iii]-x.	1853	J. C. Sepp en Zoon
12	175-190	[i*, i-ii], *pl. 881-960*, [iii]-x.	1865	J. C. Sepp en Zoon

Vol.	parts	contents	t.p. date	Imprint
13	191-206	[i]-vi, *pl. 961-1040*, [vii]-xii.	1868	J. C. Sepp en Zoon
14	207-222	[i]-xii, *pl. 1041-1120.*	1872	Leiden (De Breuk & Smits) id.
15	223-239	[i]-viii, *pl. 1121-1200.*	1877	(De Breuk & Smits) id.
16	240-255	[i]-viii, *pl. 1201-1280.*	1881	(De Breuk & Smits) id.
17	256-271	[i]-viii, *pl. 1281-1360.*	1885	(De Breuk & Smits) id.
18	272-287	[i]-viii, *pl. 1361-1440.*	1889	(De Breuk & Smits) id.
19	288-303	[i]-viii, *pl. 1441-1520.*	1893	(De Breuk & Smits) id.
20	304-319	[i]-viii, *pl. 1521-1600.*	1898	Haarlem (De erven Loosjes)
21	320-335	[i]-viii, *pl. 1601-1680.*	1901	(De erven Loosjes)
22	336-351	[i]-viii, *pl. 1681-1760.*	1906	Haarlem (Vincent Loosjes)
23	352-367	[i]-viii, *pl. 1761-1840.*	1911	's Gravenhage (Martinus Nijhoff)
24	368-393	[i]-viii, *pl. 1841-1920.*	1915	(Martinus Nijhoff)
25	394-401	[i]-viii, *pl. 1921-2000.*	1920	(Martinus Nijhoff)
26	402-421	[i]-viii, *pl. 2001-2080.*	1924	(Martinus Nijhoff)
27	422-441	[iii]-xii, *pl. 2081-2160.*	1930	(Martinus Nijhoff)
28	442-461	[i]-xii, *pl. 2161-2240.*	1934	(Martinus Nijhoff)

Editors:

1-10	1800-1849	J. Kops, assisted by Herman Christiaan van Hall (1801-1874) for vols. 5-7, Friedrich Anton Wilhelm Miquel (1811-1871) (8), Johannes Everhardus van der Trappen (9-10).
11	1853	Pieter Marie Eduard Gevers Deynoot (1816-1860).
12	1865	Frederik Anthony Hartsen (1838-1877).
13-30	1868-1898	Frederik Willem van Eeden (1829-1901), later assisted by Laurens Vuyck (1862-1931).
21-27	1901-1930	Laurens Vuyck (1862-1931).
28	1930-1940	Willem Jan Lütjeharms (1907-x), assisted by Fredericus Cornelius August de Wever (1874-1947).

Plates: *2240 pl.*, vols. 1-24 hand-col., 25-28 chromolith.
Indexes: (a) "J. E. van der Trappen, Algemeen register op de thans uitgegeven acht deelen van de Flora batava met eenige aanmerkingen" s.l.n.d., p. [i]-xcvi. Qu. (vols. 1-8).
(b) Alphabetisch register, deel i-xiv, Leiden (De Breuk & Smits) 1871, Qu., p. [1]-45 (vols. 1-14).
(c) L. Vuyck & H. C. v. d. Pavord Smits, 1920, 131 p. (vols. 1-25).
(d) Naamlyst . . . deel xxvi-xxvii, 16 p. (vols. 26-27.
(e) Vol. 28, has its own index.
Ref.: Kleijn, Ned. kruidk. Arch. 53: 258-287. 1943.
Oudemans, C. A. J. A., Ned. kruidk. Arch. ser. 2. 2: 239. 1877.
Stafleu, F. A., Wentia 16: 55. 1966.

3875. *Index plantarum*, quae in horto rheno-trajectino coluntur. Anno 1822. Trajecti ad-rhenum [sic] [Utrecht], (apud J. Altheer) 1823. Oct. (in fours). (*Ind. pl.*).
Publ.: 1823 (p. [iv]: 23 Apr 1823), p. [i-iv], [1]-76. *Copies*: L, U.

Kornhuber, (Georg) **Andreas** (von) (Korn-Huber) (1825-1905), Austrian botanist at the polytechnical school at Vienna; Dr. med. vindob. 1850; teacher at the Oberrealschule Pressburg [Bratislava] 1852-1861; professor of botany and zoology at the k.k. polytechnisches Institut Wien (now Polytechnical University) 1861-1895; at Pressburg 1897-1905; died in Wien. (*Kornh.*).

HERBARIUM and TYPES: Unknown. Some material at LE, SLO (partly destroyed).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 314; BJI 1: 33; BM 2: 1017; Bossert p. 218; CSP

3: 734-735, 8: 113, 16: 420; Kanitz 261; Kew 3: 299; PFC 1: xlv; PR 4824-4826; Quenstedt p. 242; Rehder 5: 469; Saccardo 1: 93, 2: 60.
Fischer, J. et al., 1856-1906, Emlékmü kiadja a Pozsonyi Oruos-termesz. egyesület. 3-14. 1907.
Heimerl, A., Österr. bot. Z. 36: 1-11. 1886 (portr., bibl.); Verh. k.k. zool. bot. Ges. Wien 56(2/3): 103-125. 1906 (portr.).
Pax, F., Grundz. Pflanzenverbr. Karpathen 1: 45-46. 1898 (Veg. Erde 2.1), 2: 277. 1908 (Veg. Erde 10).
Wittrock, V. B., Acta Horti Berg. 3(2): 83. 1903, 3(3): 68. 1905.

3876. *Die Umbelliferen des Presburger Vegetations-Gebietes* . . . Presburg [Bratislava] (Schnellpressendruck von Carl Friedrich Wigand) 1854. Qu. (*Umbell. Presburg.*).
Publ.: Jan-Jul 1854, p. [22]-41 of Viertes Programm der öffentl. vollständigen Realschule der königl. Freistadt Presburg, p. [1]-74, Presburg 1854. *Copy*: MO.

3877. *Uebersicht der phanerogamen Pflanzen in der Presburger Flora* . . . Presburg (Maschinendruck der vormals Schmid'schen Buchdruckerei, . . . in Commission bei K. F. Wigand) 1855. (*Uebers. Pfl. Presburg.*).
Publ.: 1855, *in* Fünfter Jahresprogramm der öffentl. Oberrealschule der kön. Freistadt Presburg p. 61-98 (art. iv). *Copy*: WU (inf. W. Gutermann). Reprint not known to us. – Continued in x. Programm der Presburger Oberrealschule 1860, 26 p. (n.v.).
Ref.: Anon., Bot. Zeit. 26: 459. 10 Jul 1868.
Kornhuber, A., Verh. Ver. Naturk. Presburg 9: 101-112. 1866 (mosses).

Korshinsky [Koržinskij], **Sergei Iwanowitsch** (1861-1900), Russian botanist; Dr. Phil. Kasan 1888; professor of botany at Tomsk 1888-1892; botanist at the botanical garden in St. Petersburg 1892-1900; traveller in Siberia and Turkestan; outstanding plant geographer. (*Korshinsky*).

HERBARIUM and TYPES: LE. – Exsiccatae: (a) *Herbarium florae rossicae*, nos. 1-200, 1898; sets at B and LE; (b) *Plantae gubernii kasanensis*, (irregular), sets at B, C and LE.

BIBLIOGRAPHY and BIOGRAPHY: BJI 1: 33; BM 2: 1018; Bossert p. 218; CSP 12: 404, 16: 423-424; Hortus 3: 1197 ("Korsh."); IH 2: 381; Kew 3: 300; Lipschitz 4: 343; LS 14308; MW p. 248, suppl. p. 178.
Anon., Bot. Centralbl. 80: xv. 1899; Bot. Not. 1901: 114.
Chevalier, A., Rev. int. Bot. appl. 29: 323. 1949.
Gorchakovsky, Bot. Zh. USSR 47: 886-889. 1962 (phytogeography Ural).
Reiche, K., Grundz. Pflanzenverbr. Chile 34. 1907 (Veg. Erde 8).
Shetler, S. G., The Komarov Botanical Institute 227 [index]. 1967.
Tanfiljew, Ber. deut. bot. Ges. 19: (40)-(47). 1902 (bibl.).
Wittrock, V. B., Acta Horti Berg. 3(3): 188. 1905.

EPONYMY: *Korshinskia* W. Lipsky (1901).

3878. *Tentamen florae Rossiae orientalis*, id est provinciarum Kazan, Wiatka, Perm, Ufa, Orenburg, Samara partis borealis atque Simbirsk . . . St. Pétersbourg (Acad. imp. Sciences) 1898. Qu. [title also in Russian]. (*Tent. fl. Ross. orient.*).
Publ.: Jul-Dec 1898 (p. [i]: 14 Jul 1898; Bot. Zeit. 1 Mai 1899; Nat. Nov. Feb(1) 1899), p. [i*], [i]-xix, [1]-566. *Copy:* USDA. – Mém. Acad. imp. Sci. St. Pétersbourg ser. 8, vol. 7(1).

Korthals, Pieter Willem (1807-1892), Dutch botanist and traveller in the East Indies, member of the "Natuurkundige Commissie voor Nederlandsch-Indie" Mai 1831-Feb 1836. (*Korth.*).

HERBARIUM and TYPES: L. – The diary of his trip to the East Indies (Jul 1831-Aug 1837) is also at L. For duplicates see IH and SK.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 307; Barnhart 2: 314; BM 2: 1017-1018; CSP 3:

736-737, 16: 423; Frank 3(Anh.): 52; Hortus 3: 1197 ("Korth."); Jackson p. 145, 396; IH 2: 380; JW 1: 445, 451, 2: 194, 3: 358, 5: 244; Kew 3: 300; Lasègue p. 347, 495, 506, 539; Moebius p. 283; NI 1092; NNBW 8: 984; PR 4828-4829 (ed. 1: 5360-5363); Rehder 5: 469; RS p. 91; SK 1: xxv-xxvi, xxxii, 295-298; TL-2/1: 565; Tucker 1: 398; Zander ed. 10, p. 680.
Anon., Bot. Not. 188: 207; Encycl. Ned. Indië 1: 396. 1917; Nature 45: 377. 1892.
Sirks, M. J., Indisch natuuronderzoek 117-119, 121. 1915.
Stafleu, F. A., Wentia 16: 6, 16, 20, 39.
Suringar, Ned. kruidk. Arch. 6: 199. 1893.

HANDWRITING: Fl. males. ser. 1. 1: cl. 1950.

EPONYMY: *Korthalsella* Van Tieghem (1896); *Korthalsia* Blume (1843).

3878 a. *Observationes de Naucleis indicis* . . . Bonnae (typis Caroli Georgii) 1839. Oct. (*Observ. Naucl. indic.*).
Publ.: 1839 (Flora rd. 15 Apr. 1840), p. [1]-20. *Copies*: B, G, KNAW, L, NY, U.

3879. *Verhandeling over de op Java, Sumatra en Borneo verzamelde Loranthaceae* s.l.n.d. [Batavia 1839]. Oct. (*Verh. Java Loranth.*).
Publ.: 1839, p. [1]-92, *pl. 1-2* (uncol. liths.). *Copy*: L. – Reprinted from Verh. Batav. Genootsch. 17: 197-288. 1839.

3880. *Verhandelingen over de natuurlijke geschiedenis der Nederlandsche overzeesche Bezittingen*, door de leden der Natuurkundige commissie in Indië en andere schrijvers. Uitgegeven op last van den Koning door C. J. Temminck. *Botanie* [*Kruidkunde* door P. W. Korthals], Leiden (In commissie by S. en J. Luchtmans en C. C. van der Hoek) 1839-1842 [-1844]. Fol. (*Verh. nat. gesch. Ned. Bezitt., Bot.*).
Publ.: in seven parts, [i], engr. t.p., [iii-iv, ind.], [1]-259, *pl. 1-70*, except for *20-22* hand col. liths. by J. Gaijkema, P. W. Korthals, W. J. Gordon, D. van Gelder, A. -S. Mulder. *Copies*: G, MO, U; IDC 5987.

part	pages	*plates*	dates
1	1-28	*1-10*	3 Feb 1840
2	29-60	*11-17, 19-20*	1 Jul 1840
3	61-92	*18, 21-30*	25 Mai 1841
4	93-124	*31-40*	16 Aug 1841
5	125-156	*41-46, 48, 50, 53, 58*	14 Feb 1842
6	157-196	*47, 49, 51, 52, 55, 56, 57, 59, 60, 64*	28 Oct 1842
7	197-259, [i-iv]	*54, 61-63, 65-70*	15 Feb 1844

For details on the editor Coenraad Jacob Temminck (1778-1858) see W. Vrolik, Jaarb. Kon. Akad. Wet. Amsterdam 1857/1858: 65-80.
Ref.: GF p. 63; NI 1092; RS p. 144; SK 4: cxciii.
Wit, H. C. D. de, Fl. males. Bull. 6: 164-165. 1950.
Husson & Holthuis, Zool. Med. 34: 17-24. 1955, Fl. males. Bull. 12: 489. 1956.

Koso-Poliansky, Boris Mikhailovich (1890-1957), Russian botanist. (*Koso-Pol.*).

HERBARIUM and TYPES: Unknown. – Exsiccatae: *Herbarium florae rossicae* (1898-1922).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 316 (Kozo-Poljansky); Bossert p. 219: Hirsch p. 159; Hortus 3: 1197 ("Koso-Pol."); Kew 3: 307; Lipschitz 4: 249-258; MW p. 248, suppl. p. 178; NAF 28B(2): 340-341; Zander ed. 10, p. 680.

EPONYMY: *Kosopoljanskia* [sic] E. P. Korovin (1923).

Kosteletzky, Vincenz Franz (Kostelecky, Vincenc František) (1801-1887), Czech botanist; Dr. med. Praha 1824; professor of botany at the Carl-Ferdinands Universität and director of the botanic garden at Smichov in Praha (1826-) 1835-1872. (*Kostel.*).

HERBARIUM and TYPES: PRC. – Kosteletzky annotated many specimens with new names which for the greater part remained nomina nuda since he published very little after 1844.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 315; BM 2: 1019; Bossert p. 218; Frank 3(Anh.): 52; GR p. 436, cat. p. 66; Hortus 3: 1197 ("Kostel."); IH 2: 381; Jackson p. 201, 268, 416; Klášterský p. 111-112; Kew 3: 301; Langman p. 417; Maiwald p. 279; MW p. 248; PR 4831-4833 (ed. 1: 5366-5368); Rehder 5: 470; RS p. 91; Zander ed. 10, p. 680.
Anon., Bot. Gaz. 12: 258. 1887; Bot. Not. 1888: 45; Bot. Zeit. 45: 583. 1887; Flora 70: 433. 1887; Nat. Nov. 9: 232. 1887; Nature 36: 430. 1887; Preslia 49: 346. 1977.
Futak J., et Domin, K., Bibliografia CSR 336. 1960.
Vincenc, Preslia 49(4): 346. 1977.
Wettstein, R. v., Die Lehrkanzel für systematische Botanik an der k.k. deutschen Universität in Prag. Prag 1899, p. 4-5, 7, 10; Öst. bot. Z. 49: 42. 1899.
Willkomm, M., Bot. Centralbl. 33(3): 93-95. 1888; Ann. Bot., London, 1: 405. 1888 (bibl., incompl.).

EPONYMY: *Kosteletzkya* K. B. Presl (1835, *nom. cons.*)

3881. *Clavis analytica in Florum Bohemiae phanerogamicam*; sive conspectus plantarum phanerogamarum, in Bohemia sponte nascentium, secundum methodum analyticum . . . Pragae [Praha] (Typis Sommerianis) 1824. Oct. (in fours). (*Clav. anal. Fl. Bohem.*).
Publ.: 1824 (p. viii: 8 Aug 1824), p. [i]-viii, [1]-140, [1-3, theses], [1, err.]. *Copies*: G [with theses], MO (trade issue) Regensburg (id.).
Thesis issue: different t.p. "*Clavis* . . . *Bohemiae*. Dissertatio inauguralis medica . . ." and 3 p. with theses. (*Copy*: G).

3882. *Allgemeine medizinisch-pharmazeutische Flora*, enthaltend die systematische Aufzählung und Beschreibung sämmtlicher bis jetzt bekannt geworden Gewächse aller Welttheile in ihrer Beziehung auf Diätetik, Therapie und Pharmazie, nach den natürlichen Familien des Gewächsreiches geordnet . . . Prag (Bei Borrosch und André) 1831-1836, 6 vols. Oct. (*Allg. med.-pharm. Fl.*).

1: Mai 1831 (p. xvi: Apr 1831; Flora rd. 1 Jun 1831; rev. Bull. Férussac Mai 1831), p. [i*], [i]-xxvi, [1]-310, [1-2, err.].
2: Jan-Jun 1833 (Flora rd. 28 Aug 1833; Pharm. Centralbl. 27 Jul 1833), p. [i], [313]-750.
3: Apr-Dec 1834, p. [i-iii], [751]-1118.
4: Jan-Oct 1835 (Flora rd. 11 Nov 1835), p. [i], [1119]-1556.
5: Jan-Sep 1836 (Flora rd. 12 Oct 1836), p. [i], 1557-2006.
6: Jan-Sep 1836 (Flora rd. 12 Oct 1836), p. [i-vi], 2007-2237.
Copies: G, USDA.
Later issue: Mannheim (Verlag von Heinrich Hoff. (Früher Verlag von Borrosch und André 1831[-1836].)), six volumes as above. *Copies*: MO, NY.

3883. *Index plantarum horti caesarii regii botanici pragensis*. Verzeichniss der im k.k. botanischen Garten zu Prag cultivirten Pflanzen. Prag (Gedruckt bei K. Gerzabek, . . .) 1844, Qu. (*Ind. hort. bot. Prag.*).
Publ.: 1844 (p. [vi]: 25 Jul 1844), p. [i-xii], [1]-144. *Copies*: G, M, NY, USDA.

Koster, Henry (1793-1820), British botanist of Portuguese descent; in Brazil 1809-1815 and 1820. (*H. Kost.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 315; BB p. 178; BM 2: 1019; CSP 3: 738; Desmond p. 366; Kew 3: 301; Rehder 5: 470; RS p. 91; Tucker 1: 399.
Britten, J, J. Bot. 34: 242-243. 1896.

3884. *Travels in Brazil*. London 1816, 2 vols. Qu. (*Trav. Brazil*).

Ed. [*1*]: 1816, p. [i]-ix, [1]-501, *8 pl., 2 maps* (*Copy*: BM). – Contains in the appendix a partial

translation of two dissertations by Manuel Arruda da Camara, on p. 475-489: "*A dissertation upon the plants of Brazil* from which fibrous substances . . .," TL-2/190, and, on p. 490-501, "*An essay on the utility of establishing gardens* . . ."
Philadelphia edition: 16 Jul 1817, Philadelphia (printed and published by M. Carey & Son, . . .) Oct. (in fours), 2 vols. *Copy*: J. Wurdack. – *1*: [i]-viii, [9]-340; *2*: [1]-323.
Second edition: London (printed for Longman, Hurst, Rees, Orme, and Brown, . . .) 1817, 2 vols. *Copy*: MO.
1: front., [i]-xii, [1]-406, *pl.* [*1-7*].
2: [1]-380, *pl.* [*1-2*].
French translation: Paris (Chez Delaunay) 1818, 2 vols. Oct. *Copy*: U.
1: [i*], [iii*], [i]-xilx [= 49], [1, avis], [2, notes], map, [1]-376, 7 *pl.*
2: [i], [iii], [1]-512, 2 *pl.* (diss. Arruda da Camara 2: 453-484, 484-510).

Koster, Joséphine Thérèse (1902-x), Dutch botanist at the Rijksherbarium, Leiden 1930-1967; Ph.D. Leiden 1935; worked on Malaysian Compositae, Cyanophyta and marine algae. (*J. Kost.*).

HERBARIUM and TYPES: L.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 218; IH 2: 381; Kew 3: 302; Roon p. 63.
Hoek, C. van den, Blumea 15(1): 1-2. 1967.
Koster, J. T., Personal communication to senior author 1957; also Taxon 18: 554. 1969.
Rollins, R. C., Taxon 5: 2. 1956 (in group photograph).

COMPOSITE WORKS: Pulle, *Fl. Suriname*, *Compositae*, 4(2): 87-165. Jul 1938.

FESTSCHRIFT: Blumea 15(1): 1-155. 1967.

3885. *The Compositae of the Malay Archipelago* I. Vernonieae and Eupatorieae / Proefschrift ter verkrijging van den graad van doctor in de wis- en natuurkunde aan de Rijksuniversiteit te Leiden, op gezag van den Rector magnificus Dr. W. van der Woude, hoogleeraar in de Faculteit der Wis- en Natuurkunde voor de Faculteit der Wis- en Natuurkunde te verdedigen op Woensdag 5 Juni 1935 des namiddags te 4 uur door Joséphine Thérèse Koster, geboren te Bandoeng. Leiden (N.V. Boek- en Steendrukkerij Eduard IJdo) [1935]. Oct. (*Compos. Malay Archip.*).
Publ.: 5 Jun 1935, [i-vii], 1-192, table, [1-3, theses, loose]. *Copies*: FAS, U. – Pages 1-186 are reprinted from Blumea 1(3): [351]-536.

Kostermans, André Joseph Guillaume Henri (1907-x), Dutch botanist; trained at Utrecht; Ph.D. 1936, settled at Buitenzorg, later Bogor, Indonesia; explorer and taxonomist (Lauraceae) connected with the Forest Research Institute. (*Kosterm.*).

HERBARIUM and TYPES: BO and BZF. For collections and itineraries see IH and SK.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 315; Bossert p. 218; Hortus 3: 1197 ("Kosterm."); IH 2: 381-382; Kew 3: 302-303; Langman p. 417; MW suppl. p. 178-179; Roon p. 63: SK 1: 298-299, 5: ccxciii-ccxciv, 8: lvii (itin., coll., portr.).
Allen, C. K., Taxon 14: 22-23. 1965 (extensive review of his Bibl. Laurac.).
Anon., Taxon 1: 135. 1952.
Jacobs, M., Fl. males. Bull. 31: 2976-2977. 1978.
Kostermans, A. J. G. H., Personal communication to senior author 1957; see also his Bibliographia Lauracearum, Ministry of national Research, Bogor, Indonesia, 1964 (xvi, 1450 p.; one of K's major works; contains on p. vii-xii introd. on K. and his work by L. Bernardi).

COMPOSITE WORKS: Pulle, *Fl. Suriname*:
(a) *Lauraceae*, 2(1): 244-337. Jan 1936, 337. Sep 1937, 481-487. Nov 1939.
(b) *Malpighiaceae*, 2(1): 146-243. Jan 1936.
(c) *Hernandiaceae*, 2(1): 338-344. Sep 1937.
(d) *Labiatae*, 4(1): 334-353. Jul 1936; 498. Sep 1937.

EPONYMY: *Kostermansia* W. Soegeng (1959); *Kostermansinda* M. A. Rifai (1968).

3886. *Studies in South American Malpighiaceae, Lauraceae and Hernandiaceae, especially of Surinam.* Proefschrift ter verkrijging van den graad van doctor in de Wis- en Natuurkunde aan de Rijksuniversiteit te Utrecht op gezag van den rector magnificus Dr. E. W. Vollgraff, hoogleraar in de faculteit der letteren en wijsbegeerte, volgens besluit van den Senaat der Universiteit te verdedigen tegen de bedenkingen van de faculteit der Wis- en Natuurkunde op maandag 20 Januari 1936 des namiddags te vier uur door André Joseph Guillaume Henri Kostermans, geboren te Poerworedjo (Ned. Oost-Indië). Amsterdam (N.V. Drukkerij en Uitgeverij J. H. de Bussy) 1936. Oct. (*Stud. S. Amer. Malpig.*).
Publ.: 13 Jan 1936, p. [i-ix], [1]-356, map. *Copies*: FAS, U. – Meded. Bot. Mus. Herb. R.U. Utrecht 25.

Kotschy, Carl (Karl) **Georg Theodor** (1813-1866), Austrian botanical explorer of the Orient 1835-1843; from 1847 assistant, from 1852 curator of the herbarium of the Vienna Natural History Museum (W). (*Kotschy*).

HERBARIUM and TYPES: W; important material also at BP. – For detailed information on travels and collections see IH. Total number of specimens collected over 300.000. For identifications of K's plants distributed by the Esslingen Society see Flora 1842 Beibl. 9: 129-149, 1842(2): 416-424, 1843: 473-476, 489-498, 1844: 241-254, and also Schweinfurth, *Beitr. Fl. Äthiopiens* (1867). Many of K's plants were also described in Boissier, *Fl. orient.* K's diaries of the period 1835-1843 are lost.
For *Reliquiae Kotschyanae* see no. 3895.
Ref.: Anon., Bot. Zeit. 26: 655. 1868 (herb. bought by Haynald).
Baur, Jahrb. Gesch. oberdeut. Reichsstädte 16: 234, 236, 254-255. 1970 (on K's material distr. by Esslingen Society).
Miller, H. S., Taxon 19: 528. 170.
Hedge, I. C. and Lamond, J. M., Ind. coll. Edinburgh 99. 1970.
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Steinberg, C., Webbia 32(1): 29. 1977.

BIBLIOGRAPHY and BIOGRAPHY; ADB 16: 763-764; AG 2(1): 707-708, 12(3): 657; Backer p. 307; Barnhart 2: 315; BL 1: 32, 305; BM 2: 1019; Bossert p. 218; Clokie p. 195; CSP 3: 738, 8: 115; DTS 1: 160, 6(4): 32; Frank 3(Anh.): 53; GR p. 436, cat. p. 66; Hortus 3: 1197 ("Kotschy"); IH 2: 382-383; Jackson p. 568 [index]; Kanitz 218; Kew 3: 304, Klášterský p. 112; Langman p. 417; Lasègue p. 117, 574 [index]; LS 14332; NI 1093-1095; PR 4835-4843 (ed. 1: 5371); Rehder 5: 470; TL-2/1: 1765; Tucker 1: 399; Urban-Berl. p. 265, 271, 288, 365; WU 13: 41-42. Zander ed. 10, p. 680.
Anon., Bot. Zeit. 14: 695. 1856, 24: 243. 1866; Bull. Soc. bot. France 7: 143. 1860, 8: 64. 1861, 13 (rev. bibl.): 237. 1866; Flora 49: 335. 1866; J. Bot. 4: 336. 1866; 6: 128. 1868.
Boissier, E., Fl. orient. 1: xvii-xviii, xxiii, xxvii. 1867
Dolezal, H., Friedrich Welwitsch 38, 100, 130, 185, 213. 1974.
Embacher, F., Lexik. Reisen 176. 1882.
Fenzl, E., Österr. bot. Z. 16: 233-236. 1866; Almanach Akad. Wiss., Wien 17: 251-264. 1867.
Hausmann, F., Fl. Tirol 1: 1282.
Kanitz, A., Pl. roman. xii-xxii. 1881.
Kotschy, O., *in* G. A. Schweinfurth, Reliquiae Kotschyanae vii-xl. 1868. (portr., itin.).
Neilreich, A., Verh. zool. bot. Ver. Wien 5: 67-68. 1855.
Pax, F., Grundz. Pflanzenverbr. Karpathen 11, 23, 59. 1898 (Veg. Erde 2(i)).
Radde, G., Grundz. Pflanzenverbr. Kaukasusländer 14. 1899 (Veg. Erde 3).
Rechinger, K. H., Taxon 9(2): 33-35. 1960 (Rechinger: heir to Kotschy's botanical heritage!); Mitt. Hammer-Purgstall Ges. 2: 10-13. 1960.
Schlechtendal, D. F. L. von, Bot. Zeit. 24: 315-316. 1886.
Vallot, Bull. Soc. bot. France 29: 182-183. 1882.
Wittrock, V. B., Acta Horti Berg. 3(2): 83. 1903, 3(3): 68. 1905.

HANDWRITING: Candollea 31: 143-144. 1976.

EPONYMY: *Kotschya* Endlicher (1839).

3887. *Abbildungen und Beschreibungen neuer und seltener Thiere und Pflanzen in Syrien* und im westlichen Taurus gesammelt von Th. Kotschy. Herausgegeben von den D.D. Fenzl, Heckel & Redtenbacher. Stuttgart (E. Schweizerbart'sche Verlaghandlung) 1843. Oct., Fol. (*Abbild. Thiere Pfl. Syr.*).
Publ.: 1843, in three independently paged parts of which the first, by Fenzl, deals with plants and those by L. Redtenbacher (part 2) with Coleoptera (20 p., *2 pl.*), and by J. J. Heckel (part 3) with fishes (258 p., *3 pl.*).
General t.p. and identification: p. [i-ii], [i] as above, [ii]: "Abgedruckt aus Russegger's Reisen. I. Band, 2. Theil." Actually the book is a reprint with new t.p.'s and pagination from Russegger's "*Reisen in Europa, Asien, . . .*" 1(2) and 2(3), also provided with the original running pagination.
Botany (= part 1): *Illustrationes et descriptiones plantarum novarum Syriae et Tauri occidentalis* auctore Eduardo Fenzl [Eduard Fenzl (1808-1879)], . . . Stuttgart (id.) 1843. Oct., p. [iii]-viii, [1]-84, [1-2, index] (running pagination:p. vi = 884, 1-84 = 887-970). *Copy*: Teyler.
Plates: no t.p., *pl. 1-20* (uncol. liths. by Dr. Bill). Fol. *Copy*: Teyler. – For details on Joseph von Russegger (1802-1863) and his *Reisen* (1841-1849), see BM 4: 1768-1769.

3888. *Beiträge zur Kenntniss des Alpenlandes in Siebenbürgen* . . . Wien (gedruckt bei Karl Ueberreuter) 1853. Oct. (*Beitr. Alpenland. Siebenbürgen*).
Publ.: 1853, p. [1]-32. *Copy*: MO. – Reprinted from Verh. k.k. zool.-bot. Ver. Wien 3: 57-69, 131-140, 271-277. 1853.

3889. *Allgemeiner Ueberblick der Nilländer und ihrer Pflanzenbekleidung* [Wien 1857]. 16-mo.
Publ.: 1857, p. [1]-26. *Copy*: MO. – Reprinted and to be cited from Mitt. k.k. geogr. Ges. 1(2): 156-182. 1857; see also Bonplandia 5: 174-180. 1857. – For further references to K's publications on the vegetation of the Nile region see Baur (1970), p. 254-255, note 73.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 16: 91-92. 22 Apr 1858.

3890. *Die Eichen Europa's und des Orients.* Gesammelt, zum Theil neu entdeckt und mit Hinweisung auf ihre Culturfähigkeit für Mittel-Europa &c. beschrieben von Dr. Theodor Kotschy . . . 40 Foliotafeln ausgeführt in Oel-Farbendruck mit erläuterndem Text in deutscher, französischer und lateinischer Sprache. Wien und Olmüz (Eduard Hölzel's Verlag) [1858-] 1862. Fol. (*Eich. Eur. Orient.*).
Publ.: in 8 parts, p. [i]-viii, *pl. 1-40* with text.
The copy at G is in original covers (with year dates):

1: 1858, *pl. 1-5, with text.*
2: 1859 (Flora rd. 14 Apr 1859), *pl. 6, 8-10*, without text.
3: 1859 (Flora rd. 14 Nov 1859), *pl. 7, 11-15*, without text, but with text for *pl. 6-10.*
4: 1859 (Flora rd. 14 Nov. 1859), *pl. 16-20*, id., with text for *11-15.*
5: 1860, *pl. 21-25*, id. with text for *16-25.*
6: 1861 (Flora rd. Aug 1861), *pl. 26-30*, with text for *16-30.*
7/8: Jun 1862, *pl. 31-40*, with text, p. [i]-viii, ticket with note dated Jun 1862, prospectus.

Copies: B, BR, G, NY, USDA. – *French t.p.*: *Illustrations des chênes de l'Europe et d'Orient.* – *Plates*: colour-printed, J. Seboth del., Oberer.

3891. *Die Insel Cypern* ihrer physischen und organischen Natur nach mit Rücksicht auf ihre frühere Geschichte geschildert von Dr. F. Unger und Dr. Th. Kotschy . . . Wien (Wilhelm Braumüller) 1865. Oct. (*Ins. Cypern.*).
Senior author: Franz Joseph Andreas Nicolaus Unger (1800-1870).
Publ.: Jan-Jun 1865 (p. x: 16 Oct 1863; J. Bot. Jul 1865), frontisp., p. [i]-xii, [1]-598, map. *Copies*: G, MO, NY, USDA.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 23: 75-76. 3 Mar 1865.
Hoffmann, Bot. Zeit. 23: 123. 14 Apr 1865.
Anon., Hedwigia 9: 62-64, 66-70. 1870.

3892. *Die Sommerflora des Antilibanon* und hohen Hermon. Wien 1864 (Im Selbstverlage des Verfassers) 1864. Qu.

Publ.: Nov-Dec 1864 (text presented 6 Nov "1861" = 1864), p. [i], [1]-43. *Copies*: G; IDC 1043. – Reprinted and to be cited from Verh. Zool.-bot. Ges. Wien 14: 417-458. 1864.

3893. *Der Libanon und seine Alpenflora.* Wien (Im Selbstverlage des Verfassers) 1864. Qu.
Publ.: Mai-Dec 1864 (submitted 9 Apr 1864), p. [1]-38. *Copies*: G, IDC 1044. – Reprinted and to be cited from Verh. zool.-bot. Ges. Wien 14: 733-768. 1864.

3894. *Plantae tinneanae* sive descriptio plantarum in expeditione tinneana ad flumen Bahl-el-Ghasal eiusque affluentias in septentrionali interioris Africae parte collectarum. Opus xxvii tabulis exornatum Theodori Kotschy et Ioannis Peyritsch consociatis studiis elaboratum suis sumptibus ediderunt Alexandrina P. F. Tinne et Ioannis A. Tinne. Vindobonae [Wien] (Typis Caroli Gerold filii) 1867. Fol. (*Pl. tinn.*).
Co-author: Johann Joseph Peyritsch (1835-1889).
Publ.: 1867 (p. x: Jul 1867), p. [i*-xviii*], [i]-viii, [1-2], 1-54, *pl. 1-8, 8b, 9-14, 15a, 15b, 16-25.* *Copies*: MO, NY.
The 27 handcoloured *plates* are by Liepoldt and Mettenius. The book was also issued with uncoloured plates. – Mrs. H. L. M. A. Tinne, her daughter A. P. F. Tinne and Mrs. A. van Capellen-Tinne made a journey up the White Nile in 1861-1864. The two elder women died during the expedition. For details and references with respect to the travels by the Tinne family see Kanitz (1868), TL-2/3507, Eggink (1960) and Gladstone (1970).
Ref.: Kanitz, A., Bot. Zeit. 26: 487-498, 504-507. 1868; Flora 51: 385-398, 417-425, 433-441, 465-472, 497-511, 523-529. 1868.
Eggink, C., De merkwaardige reizen van Alexandrine Tinne, Amsterdam 1960.
Gladstone, Travels of Alexine, London 1970.

3895. *Reliquiae Kotschyanae.* Beschreibung und Abbildung einer Anzahl unbeschriebener oder wenig gekannter Pflanzenarten, welche Theodor Kotschy auf seinen Reisen in den Jahren 1837 bis 1839 als Begleiter Joseph's von Russegger in den südlich von Kordofan und oberhalb Fesoglu gelegenen Bergen der freien Neger gesammelt hat. Herausgegeben von Dr. Georg Schweinfurth ... Nebst einer biographischen Skizze Theodor Kotschy's von O. Kotschy. Mit fünf und dreissig lithographirten Tafeln und dem Bildnisse Theodor Kotschy's. Berlin (Druck und Verlag von Georg Reimer) 1868. (*Reliq. Kotschy.*).
Author of text: Georg August Schweinfurth (1836-1925); *leader expedition*: Joseph von Russegger (1802-1863); *author of biography*: Oskar Kotschy.
Publ.: Jun-Dec 1868 (p. vi: 15 Mai 1868; BSbF post 27 Jan 1869); front. portr. Kotschy, p. [i]-xl, [1]-52, *pl. 1-35*, uncol. liths. by Liepoldt. *Copies*: MO, USDA.

Kováts von Szent-Lélek, Julius (1815-1873), Hungarian actuo- and palaeobotanist at the Hungarian national Museum at Pest from 1850. (*Kováts*).

HERBARIUM and TYPES: BP. – Further material: B, C, CN, E, H, L, LZ, M, MANCH, W, WAG, WRSL. Published exsiccatae: *Flora exsiccata vindobonensis*, and *Plantae rar. imp. Austriae.*
Ref.: Anon., Bot. Zeit. 35: 136. 1877 (herb. for sale).

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 212, 12(1): 487; Barnhart 2: 316; Bossert p. 219; CSP 3: 739; Hortus 3: 1197 ("Kováts"); IH 2: 383; Jackson p. 182; Kanitz 183; PR 4845-4846; Quenstedt p. 242; WU 13: 68-70.
Anon., Flora 56: 431. 1873.
Pax, F., Grundz. Pflanzenverbr. Karpathen 1: 48. 1898 (Veg. Erde 2(1)), 2: 279. 1908 (id 8).

NOTE: A planned *Flora of Hungary* (in Hungarian), with Samuel von Brassai (1797-1897) did not materialize because of lack of subscriptions. Parts of the manuscript were published by Brassai in Magy. Növ. Lap. 10-12, 1886-1888, see also Linnaea 33: 595, 607. 1865. See Kanitz (no. 183) for a brief biography and bibliography; according to this information the title was to have been "*Magyar növénysme vagy ...*" ("Knowledge of Hungarian plants").

3896. *Fossile Flora von Erdöbénye* von Julius von Kováts ... Pesth (Druck von Johann Herz) 1856. (*Foss. Fl. Erdöbénye*).
Publ.: 1856, p. [1]-37, 7 pl. *Copy*: WU (inf. W. Gutermann). – Reprinted from Arb. geol. Ges. Ungarn 1, 1856.

Krabbe, Gustav [Heinrich] (1855-1895), German botanist; Dr. phil. Berlin 1882; from 1890 at Berlin University with Schwendener. (*Krabbe*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 316; CSP 12: 407; GR p. 100, *pl.* [*19*]; Kew 3: 307; LS 14337-14340; Moebius p. 113, 218, 219, 288; Rehder 5: 471; Tucker 1: 399.
Anon., Bot. Not. 1896: 44; Bot. Zeit. 53(2): 391. 1895 (d. 3 Nov 1895); Leopoldina 31: 222. 1895.
Fünfstück, L. M., *in* Engler and Prantl, Nat. Pflanzenfam. ed. 2. 8: 10, 28, 52-55. 1926.
Reinhardt, Ber. deut. bot. Ges. 14: (49)-(54). 1896 (bibl.).

3897. *Entwicklungsgeschichte und Morphologie der polymorphen Flechtengattung Cladonia.* Ein Beitrag zur Kenntnis der Ascomyceten . . . Leipzig (Verlag von Arthur Felix) 1891. Qu. (*Entw.-Gesch. Cladonia*).
Publ.: Mai-Jun 1891 (Nat. Nov. Jul(1) 1891; J. Bot. 29: 326. Oct 1891; Bot. Zeit. 1 Mai 1891 ("demnächst"), 31 Jul 1891), p. [i]-viii, [1]-160, *pl. 1-12*, partly col. liths. by author. *Copies*: G, NY; IDC 6177.
Ref.: Reinhardt, Bot. Zeit. 49: 846-851. 18 Dec 1891.

Kraenzlin, Friedrich (Fritz) **Wilhelm Ludwig** (1847-1934), German orchidologist. (*Kraenzl.*).

HERBARIUM and TYPES: Kraenzlin's herbarium was acquired by B in 1907. Kraenzlin's types were mainly in his own herbarium. Some others are still at W, and perhaps also at K, BR and M.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 317; BJI 1: 33, 2: 94-95; CSP 10: 457; 16: 446-447; Hortus 3: 1197 ("Kränzl."); IH 2: 385; Kew 3: 307-308; KR p. 359; Langman p. 417-418; LS suppl. 14799-14801; MW p. 249-250, suppl. p. 181; NI 1096; Rehder 5: 471; SK 4: cxciv; TL-2/1: 1713; Tucker 1: 400; Urban-Berl. p. 365; Zander ed. 10, p. 680.
Anon., Bot. Centralbl. 53: 96. 1893; Rev. Hortic. belge 34: 140. 1908 (portr.); Chron. bot. 1: 149. 1935 (portr.).
Jones, H. G., Taxon 22: 233. 1973 (portr.).
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 178-179. 1947 (bibl.).
Weberbauer, A., Pflanzenw. peruan. Anden 32. 1911 (Veg. Erde 12).

COMPOSITE WORKS: (1) Engler, *Pflanzenreich* (TL-2/1713):
(a) *Scrophulariaceae*, Heft 28, *publ.* 5 Apr 1907.
(b) *Orchidaceae*, Coelogyninae, with E. Pfitzer, Heft 32, *publ.* 26 Nov 1907.
Dendrobiinae I, Heft 45, *publ.*: 15 Nov 1910.
Dendrobiinae II, heft 50, *publ.*: 17 Oct 1911.
Thelasiinae, Heft 50, *publ.*: 17 Oct 1911.
Oncidiinae, Heft 80, *publ.*: 14 Mar 1922.
Pseudomonopodiales Heft 83, *publ.*: 6 Mar 1923.
(c) *Cannaceae*, Heft 56, *publ.*: 22 Oct 1912.
(2) Continued H. G. Reichenbach, *Xenia orchidacea.*

EPONYMY: × *Kraenzlinara* L. A. Garay & H. R. Sweet (1966); *Kraenzlinella* O. Kuntze (1903).

3898. *Orchidacearum genera et species.* Berlin (Mayer & Müller) [1897-] 1901-1904, 2 vols. Oct. † (*Orchid. gen. sp.*).
Vol. 1: p. [ii*-v*], [i]-viii, [1]-986. *Copies*: G, MICH, MO, NY, U(2), US (both orig. covers), USDA.
Vol. 2: p. [ii-v], [1]-143, *pl. 1-16. Copies*: NY, U, US (1-96), USDA.

Vol.	part	pages	dates
1	1	[1]-64	10 Jul 1897
	2	65-128	15 Sep 1897

Vol.	part	pages	dates
	3	129-192	9 Nov 1897
	4	[193]-256	14 Dec 1897
	5	257-320	19 Jan 1898
	6	321-384	12 Apr 1898
	7("8")	385-448	5 Jul 1898
	8("7")	449-512	20 Jun 1898
	9	513-576	11 Oct 1898
	10	577-640	15 Aug 1899
	11	641-704	10 Oct 1899
	12	705-768	2 Jan 1900
	13	769--832	27 Apr 1900
	14	833-896	27 Aug 1900
	15	897-960	6 Mar 1901
	16	961-986, [ii*-iii*], [i]-viii	1 Jul 1901
2	1	[1]-32, *pl. 1-4*	17 Apr 1903
	2	33-64, *pl. 5-8*	28 Jul 1903
	3	65-96, *pl. 9-12*	17 Nov 1903
	4	97-143, *pl. 13-16*	25 Mar 1904

Publication was stopped before completion because of the compilation of the treatment of the Orchidaceae for Engler's *Pflanzenreich*. – "We fear that Dr. Kraenzlin has undertaken a task for which, however competent he may be, he has not sufficient leisure to carry through successfully". (Rendle 1898).

Facsimile ed. : Lehre (J. Cramer) 1969, Plant Monograph Reprints vol. 6, [vol. 1:], p. [i*], [iii], [i]-viii, [1, note on vol. 2], [1]-986, [vol. 2:] [ii-iii], [1, note on interruption of publ.], [1]-143, *pl. 1-16*. *Copy*: FAS. – ISBN 3-7682-0649-1.

Ref.: Rendle, A. B., J. Bot. 35: 493-495. Dec 1897 (fasc. 1-3), 36: 451-452. 1898 (fasc. 4-8). Stafleu, F. A., Taxon 19: 434. 1970.

3899. *Beiträge zur Orchideenflora Südamerikas* . . . Uppsala & Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) 1911. Qu. (*Beitr. Orchid.-Fl. Südamer.*).

Publ.: Aug-Dec 1911 (printed 18 Jul 1911; Nat. Nov. Feb(1) 1912, Mar(1) 1912), p. [1]-105, [106, date], *pl. 1-13*, partly col. *Copies*: G, USDA. – K. Sv. Vet.-Akad. Handl. vol. 46(10).

3900. *Abbildungen der in Deutschland und den angrenzenden Gebieten vorkommenden Grundformen der Orchideen-Arten*. 60 Tafeln nach der Natur gemalt und in Farbendruck ausgeführt von Walter Müller (Gera) mit beschreibendem Text von Dr. K. Kränzlin. Berlin (R. Friedländer & Sohn) 1904. (*Abbild. Grundform. Orchid.*).

Publ.: 1904, p. [i]-xiv, *pl. 1-60* (col. liths., with text). *Copies*: MICH, MO, NY.

Plates: of drawings by Walter Müller.

Ref.: Rendle, A. B., J. Bot. 43: 69. Feb 1905.

3901. *Monographie der Gattungen Masdevallia* Ruiz et Pavon *Lothania* Kraenzl. *Scaphosepalum* Pfitzer *Cryptophoranthus* Barb. Rodr. *Pseudoctmeria* Kraenzl. Dahlem bei Berlin (Verlag des Repertoriums) 1925. Oct. (*Monogr. Masdevallia*).

Publ.: 15 Mai 1925 (t.p.), p. [i], [iii], [1]-240. *Copy*: Repert. Spec. nov. Regni veg. Beihefte Band 34.

3902. *Monographie der Gattung Polystachya* Hook. Dahlem bei Berlin (Verlag des Repertoriums) 1926. Oct. (*Monogr. Polystachya*).

Publ.: 1 Mai 1926 (t.p.), p. [i], [iii], [1]-136. *Copy*: U. – Repert. Spec. nov. Regni veg. Beihefte Band 39.

3903. *Beiträge zur Kenntniss der Familie der Myoporinae* R. Br. Mit besonderer Berücksichtigung der Myoporinous plants of Australia tome ii – lithograms von Baron Ferd. von Müller. Dahlem bei Berlin 1929. Oct. (*Beitr. Myoporin.*).

Publ.: 20 Mai 1929 (t.p.), p. [i], [1]-129. *Copy*: U. – Repert. Spec. nov. Regni veg. Beihefte Band 54.

3904. *Orchidacearum Siberiae enumeratio.* Dahlem bei Berlin 1931. Oct. (*Orchid. Sibir. enum.*). *Publ.*: 15 Nov 1931 (t.p.), p. [i], [iii], [1]-103. *Copy*: U. – Repert. Spec. nov. Regni veg. Beihefte Band 55.

Kraepelin, Karl (earlier publ.: Carl) [**Mathias Friedrich**] (1848-1915), German botanist and zoologist; Dr. phil. Leipzig 1872; from 1873-1874 high school teacher at Leipzig; from 1878-1889 at the Hamburg Johanneum; from 1889-1914 director of the natural history museum at Hamburg. (*Kraep.*).

HERBARIUM and TYPES: HBG. – The collections from the 1904 trip to the East Indies at M.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 317; BJI 2: 95; BM 2: 1022; CSP 8: 119; 10: 457, 12: 407, 16: 447; Jackson p. 55, 300; JW 1: 445; Kew 3: 308; LS 14342; Rehder 5: 471; SK 8: lviii, SO 2892.
Fischer-Benzon, R. J. D. von, *in* P. Prahl, Krit. Fl. Schleswig-Holstein 2: 30.
Kraepelin, K., Exkursionsflora für Nord- und Mitteldeutschland, eds. 8-10 (frontispiece portrait of author).
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 1, 567, 939. 1963.
Schäffer & Lohmann, Verh. naturw. Ver. Hamburg ser. 3. 23: 1-32. 1916 (bibl.).
Weidner, Abh. Verh. naturw. Ver. Hamburg ser. 2. 16: 19-72. 1972 (extracts from E. Kraepelin's diary of his brother's journey to India and Java in 1904). (portr.), (Emil Kraepelin, 1856-1926).

3905. *Excursionsflora für Nord- und Mitteldeutschland.* Ein Taschenbuch zum Bestimmen der im Gebiete einheimischen und häufiger cultivirten Gefässpflanzen für Schüler und Laien . . . Leipzig (Drück und Verlag von B. G. Teubner) 1877. Oct. (*Excurs.-Fl. N. Mitteldeutschl.*).

Ed. 1: Mar-Mai 1877 (p. iv: 15 Feb 1877; Bot. Zeit. 1 Jun 1877, Flora rd. Sep-Oct 1877), p. [i]-iv, [1]-336. *Copy*: G.
Ed. 2: Jan-Mar 1883 (pref. 19 Sep 1882; Nat. Nov. Mar 1883; Bot. Zeit. 27 Apr 1889) (n.v.).
Ed. 3: Oct-Nov 1889 (p. iv: Sep 1889; Nat. Nov. Nov 1889; Bot. Zeit. 27 Dec 1889), p. [i]-xxviii, [1]-314. *Copy*: MO. – Leipzig (id.) 1889. Oct. "*Exkursionsflora* . . . Kultivirten . . ."
Ed. 4: Apr-Jun 1896 (p. iv: Sep 1895; Bot. Zeit. 16 Jul 1896; Nat. Nov. Jun(2) 1896), p. [i]-xxviii, [1]-338. *Copies*: M, U. – Leipzig (id.) 1896. Oct.
Ed. 5: Feb-Mar 1903 (p. [iv]: Jan 1903; Bot. Zeit. 1 Mai 1903; Nat. Nov. Apr(1) 1903), p. [i]-xxx, [1]-365. *Copies*: G, M. – Leipzig und Berlin (id.) 1903. Oct.
Ed. 6: Apr-Jun 1906 (Nat. Nov. Jul(1) 1906; Bot. Zeit. 1 Jan 1907), p. [i]-xxx, [1]-371 (n.v.). Leipzig und Berlin (id.) 1906. Oct.
Ed. 7: Mar-Mai 1910 (p. iv: Feb 1910; Nat. Nov. Jun(1) 1910; Bot. Zeit. 16 Jun 1910), p. [i]-xxx, [1]-384, p. [i]-xxx, [1]-384. *Copy*: HH. – Leipzig und Berlin (id.) 1910. Oct.
Ed. 8: Mar-Mai 1917 (p. iv: "1917"; Nat. Nov. Jun 1917), portr. Kraepelin, p. [i]-xxx, [1]-410. *Copy*: L. – Leipzig und Berlin (id.) 1917. Oct.
Ed. 9: n.v.
Ed. 10: 1927, portr. Kraepelin, p. [1]-xxx, [1]-410. *Copy*: B. – "Besorgt von Prof. Dr. C. Schäffer . . .," Leipzig und Berlin (id.) 1927. Oct.

Kräusel, Richard (1890-1966), German palaebotanist; Dr. phil. Breslau 1913 (with F. A. Pax); high school teacher at Frankfurt from 1920; professor of palaeobotany 1928; from 1939 director of the palaebotanical department of the Senckenberg Musuem; Dr. h.c. Durham 1963; student of the Devonian and the Central European mesozoic flora. (*Kräus.*).

HERBARIUM and TYPES: FR (Devonian collections destroyed during World War II).

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 290-291; Barnhart 2: 317; BFM 1366; BJI 2: 95; Bossert p. 219; Hirsch p. 160; Kew 3: 308-309; Langman p. 418; LS suppl. 14802-14806; MW p. 250; NI 1096n; TL-2/1: 1711.
Banks, H. P. Phytomorphology 18(1): 178-179. 1968.
Dilcher, Plant Sci. Bull. 13(1): 8. 1967.
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Mertens und Schmidt, Natur und Volk 90(8/9): 295-297. 1960 (portr.).

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Stafleu, F. A., Taxon 16: 67. 1967.
Wulff, E. V., Intr. hist. pl. geogr. 180, 200. 1943.

COMPOSITE WORKS: EP, *Die natürlichen Pflanzenfamilien, ed. 2 (TL-2/1711):*
(a) *Fossile Cycadaceae, Bennettitaceae, Nilssoniaceae, Caytoniaceae*, 13: 82-98. Jun 1926.
(b) *Cordaitales, Pityaceae*, 13: 112-120. Jun 1926.
(c) *Extinct Coniferae*, 13: 403-407. Jun 1926.
N.B., volume 13 was published Jun 1926 (not so listed yet in TL-2/1).

FESTSCHRIFT: Senckenbergiana Lethaea, Richard Kräusel Festschrift, 1960.

EPONYMY: *Kraeuselcladus* R. Yoshida (1970); *Kraeuselia* A. Fucini (1936); *Kraeuselicutis* W. Schneider (1969); *Kraeuselisporites* G. Leschik (1956).

3906. *Die Flora des böhmischen Mitteldevons* (Stufe Hh 1 Barrande = h Kettner-Kodym) . . . [Stuttgart (E. Schweizerbart'sche Verlagsbuchhandlung) 1933]. Qu. (*Fl. böhm. Mitteldevon.*).
Co-author: Hermann Weyland (1888-1974).
Publ.: Mai 1933, p. [1]-46, *pl. 1-7. Copy*: USGS. – Palaeontographica 78B, Heft 1.

Kralik, Jean-Louis (1813-1892), Alsatian-French botanist; explorer of the mediterranean flora; curator of the Cosson herbarium 1855-1885. (*Kral.*).

HERBARIUM and TYPES: P and PC. – For duplicates see IH. For exsiccatae (*Plantes corses* 1849) see Pfc 1: lv (8 centuries).

BIBLIOGRAPHY and TYPES: AG 7: 463; Backer p. 307; Barnhart 2: 317; Bossert p. 219; Clokie p. 195; CSP 3: 742; Hortus 3: 1197; IH 2: 384; Jackson p. 352, 394; PFC 1: lv; PR 4951; Rehder 5: 472; Saccardo 1: 93, 2: 60; TL-2/1: 1243; Tucker 1: 400; Zander ed. 10, p. 680.
Boissier, E., Fl. orient. 1: xxii. 1867.
Cosson, E., Bull. Soc. bot. France 21: 52. 1874; Comp. fl. atl. 1: 53-56. 1881.
Cosson, E. et Durieu, M. C., Exp. sci. Algérie Bot. 2: xxxi-xxxii. 1868.
Kralik, J. L., Bull. Soc. bot. France 1: 23-27, 117-121. 1854, 2: 21-26. 1855 (Letters).
Maire, R., Progr. connaiss. bot. Algérie 93, 94, 99-100. 1931.
Wittrock, V. B., Acta Horti Berg. 3(3): 105, *pl. 139*. 1905.

EPONYMY: *Kralikia* Cosson & Durieu (1867).

3907. *Catalogue des Reliquiae Mailleanae* publié par MM. L. Kralik et J. Billon accompagné d'une note sur cet exsiccata, d'une notice biographique sur M. Maille et d'une note sur son herbier . . . Paris (Imprimerie de E. Martinet . . .) 1869. Oct. (*Cat. Reliq. Maill.*)
Co-author: J. Billon; *herbarium*: Alphonse Maille (1813-1865), see IH 2: 493.
Publ.: Jan-Jun 1869 (BSbF rd. 12 Dec 1868-9 Jul 1869), p. [i-iii], [1]-59. *Copies*: G, NY. – Bull. Soc. bot. France 14: 101-103, 103-108, 119-125, 146-152, 161-166, 191-196, 232-239. 1867, 15: 71-84, 127-131. 1868.
Ref.: Fournier, Bull. Soc. bot. France 12(bibl.): 288. 1866 (Reliq. Maill. for sale).

Kramer, Franz August (*fl.* 1875), German botanist and high school teacher at Chemnitz. (*F. Kram.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 317; Kew 3: 309-310; Tucker 1: 400.
Drude, O., Hercyn. Florenbezirk 7. 1902 (Veg. Erde 6).

3908. Programm des königl. Gymnasiums zu Chemnitz, zugleich Einladungsschrift zu den am 11 und 12 März 1875 stattfindenden öffentlichen Prüfungen, . . . 1. Abhandlung des Oberlehrers Franz August Kramer: *Phanerogamen-Flora von Chemnitz und Umgegend*. 2. Schul-

nachrichten vom Rector. Chemnitz (Druck von J. C. F. Pickenhahn & Sohn) 1875. Qu. (*Phan.-Fl. Chemnitz*).
Publ.: 20 Feb-10 Mar 1875, p. [i]-iv, [1]-38, map, followed by Schulnachrichten p. [39]-69. *Copies*: B, MO.
Trade issue: *Phanerogamen-Flora von Chemnitz und Umgegend.* Bearbeitet von Franz Kramer, Oberlehrer am Gymnasium. Chemnitz (Druck von J. C. F. Pickenhahn & Sohn) 1875. Qu. (Bot. Zeit. 9 Jun 1876), p. [i-iv], [1]-38, map. *Copies*: KNAW, USDA.

Kramer, Wilhelm Heinrich (x-1765), German-born Austrian botanist and physician at Bruck a. Leitha. (*W. Kram.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 318; BM 2: 1023; Dryander 2: 27, 3: 153; GR p. 454; Kew 3: 310, PR 4854 (ed. 1: 5380); Rehder 5: 472.
Höfer, Verh. zool.-bot. Ges. Wien 36: 38, 40-41. 1886.
Fries, Th. M., Bref Skrifv. Linné 1(5): 86. 1911, 1(6): 2. 1912.
Neilreich, A., Verh. zool. bot. Ver. Wien 5: 29-30. 1855.
Stafleu, F. A., Linnaeus and the Linnaeans 191-193. 1971.

EPONYMY: The etymology of *Krameria* Linnaeus (1758) could not be established.

3909. *Elenchus vegetabilium* et animalium per Austriam inferiorem observatorum sistens ea in classes et ordines genera et species redacta . . . Vienna, Pragae, et Tergesti [Triest] (typis Ioannis Thomae Traffner, . . .) 1756. Oct. (*Elench. veg.*)
Publ.: 1756, p. [i-x], [1]-400. [1-21, ind.; 1, err.]. *Copies*: G, NY. – Plants on p. 1-307.
Ref.: Janchen, E., Cat. fl. austr. 1: 10. 1956.

Kranz, Cajetan Anton (1839?-1886), German botanist at München. (*Kranz*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 1023; Jackson p. 292; Kew 3: 310; NI (alph.).

COMPOSITE WORKS: edited ed. 4 of J. C. Weber, *Die Alpen-Pflanzen Deutschlands*. See under Johann Carl Weber.

3910. *Uebersicht der Flora von München*, enthaltend die in der Umgebung Münchens wildwachsenden und verwilderten Gefässpflanzen . . . München (Druck und Verlag von Georg Franz). 1859. Oct. (*Uebers. Fl. München*).
Publ.: Feb-Apr 1859 (p. xv: Jan 1859; BSbF post Jul 1859; Flora rd. Apr 1859), p. [i]-xv, [1]-100. *Copies*: B, G, M(2).
Ref.: Anon., Bull. Soc. bot. France 6: 242-243. 1859.
Schlechtendal, D. F. L. von, Bot. Zeit. 17: 351. 14 Oct 1859.
Anon., Flora 42: 256. 1859, 43: 618-619. 1860.

Krapf, Karl J. von (*fl.* 1782), Austrian botanist, "kaiserlich-königlicher Hofrath und Leibarzt." (*Krapf*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 318: Dryander 3: 226, 551; Kew 3: 310; LS 14361; NI 1098; PR 4855 (ed. 1: 5381-5382).

EPONYMY: *Krapfia* A. P. de Candolle (1817).

3911. *Ausführliche Beschreibung der* in Unterösterreich, sonderlich aber um Wien herum wachsenden, und in der Stadt zum Verkauf sowohl erlaubten, als unerlaubten essbaren *Schwämme*, sammt den ihnen ähnlichen unessbaren schädligen, giftigen, oder auch verdächtigen; ihren Kennzeichen, ihrer gewöhnlichen Zubereitung, und den schädlichen Zufällen,

welche die letztern im menschlichen Körper verursachen; nach der Linneischen Haupteintheilung in systematischer Ordnung vorgetragen. Wien (in der Jakob Anton Edlen von Ghelenschen Buchhandlung) 1782, 2 Hefte. Qu. (n.v.) (*Ausführl. Beschr. Schwämme*).

Heft 1: 1782, p. [i-iv], [1]-27, [1, err.], *pl. 1-11*.
Heft 2: 1782, 22 p. and *6 pl.*
Copy: We saw no complete copy of this work; WU has a set of the plates without text (inf. W. Gutermann). The copy at FH has Heft 1 only (complete). The plates are handcoloured copper engr. of drawings by J. Lachenbaur.

Krašan, Franz (1840-1907), Austrian botanist, high school teacher at Graz. (*Krašan*).

HERBARIUM and TYPES: main material at GZU; further specimens at P and LE.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 826; BJI 1: 33-34, 2: 95; BL 2: 356, 676; Bossert p. 219; CSP 3: 744, 8: 119-120, 10: 457, 12: 408, 16: 452-453; H 2: 385; Jackson p. 72, 80,; LS 14362; Saccardo 1: 93, 2: 60; Tucker 1: 400.
Anon., Marcellia 6: xxxii. 1907; Nat. Nov. 1907: 168; Österr. bot. Z. 18: 25, 98-99. 1868, 19: 53. 1869, 38: 1-6. 1888 (bibl.), 57: 215. 1907.
Krasser, Mitt. naturw. Ges. Steiermarck 46: 156-166. 1908 (portr.; n.v.).
Wittrock, V. B., Acta Horti Berg. 3(2): 83. 1903.

3912. *Aus der Flora von Steiermark*, Graz (im Verlage des zweiten Staats-Gymnasiums) 1894. Qu.
Publ.: Jul-Aug 1894 ("am Schlusse des Schuljahres"; Nat. Nov. Sep(1) 1894, Mai(1) 1895), *in* Fünfundzwanzigster Jahresbericht des zweiten Staats-Gymnasiums in Graz, 1894, p. [1]-27. *Copy*: MO. – We have seen no independently paged reprint. To be cited from *Jahresbericht*.

3912a. *Aus der Flora von Steiermark*. Beitrag zur Kenntniss der Pflanzenwelt des Kronlandes. Zugleich ein Behelf zum Bestimmen der Pflanzen nach der analytischen Methode für Schule und Selbstunterricht . . . Graz (Druck und Verlag "Leykam") 1896. Oct. (*Fl. Steiermark*).
Publ.: Jan-Apr 1896 (p. v: autumn 1895; Nat. Nov. Mai(2) 1896), p. [i]-xvi, [1]-156, [1, cont.]. *Copy*: G.

Krasnov [Krassnov], **Andrej Nicolaevič** (1862-1914), Russian scientist at Kharkov. (*Krasn.*).

HERBARIUM and TYPES: LE; important sets also at WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 318; BJI 1: 34; Bossert p. 219; Bret. p. 1045; CSP 16: 454; Hortus 3: 1197 ("Krasn."); IH 2: 385-386; Kew 3: 311, Lipschitz 4: 454; MW p. 250-251, suppl. p. 182; SK 1: 300; Tucker 1: 400.
Bourdeille, Bull. Soc. imp. Natur. Moscou ser. 2. 6: 375. 1893.
Radde, G., Grundz. Pflanzenverbr. Kaukasusländer 9, 10, 14. 1899 (Veg. Erde 3).

EPONYMY: *Krasnovia* Popov ex Schischkin (1950).

Krasser, Fridolin (1863-1922), Austrian botanist and palaeobotanist; Dr. phil. Wien 1887; from 1887 in various functions in Wien, e.g. assistant at the Naturh. Museum 1896-1902; 1901-1906 at the önologisch-pomologischen Lehranstalt in Klosterneuburg; from 1906-1922 professor of botany at the technical university of Praha. (*Krasser*).

HERBARIUM and TYPES: Unknown. Some material at H, LE, W. – Krasser prepared a palaeobotanical atlas for which many of the plates were ready by the time of his death.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 289-290; Backer p. 307; Barnhart 2: 318; BJI 1: 34; BM 2: 1024; CSP 16: 454-455; GR p. 460; IF 710; IH 2: 386; Kew 3: 311; LS 14364-14369, 35600; Quenstedt p. 244; Rehder 5: 472; Tucker 1: 400.
Anon., Nat. Nov. 1923: 383; Nature 111: 57-58. 1923.

Beck, G., Vegetationsverhältn. Illyr. Länder 37. 1901 (Veg. Erde 4).
Greger, Ber. deut. bot. Ges. 40: (112)-(121). 1922 (bibl.).
Keissler, Mitt. geol. Ges. Wien 16: 295-299. 1924 (bibl.).
Kerner, A. J., Verh. geol. Bundesanstalt 2: 45-49. 1923.
Reiche, K., Grundz. Pflanzenverbr. Chile 34. 1907 (Veg. Erde 8).
Rudolph, Lotos, Prag, 70: 133-140. 1922.

COMPOSITE WORKS: (1) EP, *Die natürlichen Pflanzenfamilien*, ed. 1, *Melastomataceae*, III. 7: 130-199: Aug 1893, 161-199: 24 Oct 1893 (TL-2/1710).
(2), *Flechten*, in J. Wiesner, *Die Rohstoffe des Pflanzenreichs*, ed. 2, 1: 664. 1900.

EPONYMY: *Krassera* O. Schwartz (1931).

Krasske, Georg (1889-1951), German diatomologist; teacher at the Volksschule Wattenbach near Kassel 1908-1913; later at Kassel, from 1923-1951 as high school teacher at the middle school for boys. (*Krasske*).

HERBARIUM and TYPES: KASSEL; further, non-prepared material at BRNM.
Ref.: Wornardt, W. W., Int. direct. diatom. 34. 1968.
Koster, J., Taxon 18: 554. 1969.
Follmann, G., Philippia 2: 106-107. 1974.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 318; IH 2: 386.
Collander, R. et al., Bibl. bot. fenn. 1901-1950: 264. 1973.
Hustedt, F., Archiv Hydrobiol. 46(3/4): 617-621. 1952 (portr., bibl.).
Schulz, Ber. deut. bot. Ges. 68a: 179-182. 1955.

HANDWRITING: Arch. Hydrobiol. 46(3/4): 617. 1952.

COMPOSITE WORKS: The paper by Krasske and Schwabe, *Diatomeas del Archipiélago de Formosa*, Bol. Soc. Biol. Concepción, Chile, 25: 75-107. 1950 is by Krasske alone (see Hustedt, 1952, p. 622).

Krauer, Johann Georg (1794-1845), Swiss botanist and physician at Luzern and Rothenburg. (*Krauer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 576, 577, 676; BM 2: 1024; IH 2: 386; NI 1099; PR 4859 (ed. 1: 5391); Rehder 5: 472.

3913. *Prodromus florae lucernensis*, seu stirpium phanerogamarum in agro lucernensi et proximis ejus confiniis sponte nascentium catalogus. Auctore Joanne Georgio Krauero, . . . Lucernae [Luzern] (Typis Xaverii Meyer) 1824. Duod. (in sixes). (*Prodr. fl. lucern.*).
Publ.: 1824 (p. xii: cal. Dec 1823), p. [i]-xii, [1]-105, [1, err.]. *Copies*: G, NY.

Kraus, Gregor Konrad Michael (1841-1915), German physiological botanist; Dr. phil. Würzburg 1866; from 1866-1867 at Bonn as pupil of J. Sachs; 1867-1869 "Privatdozent" at Würzburg; 1868-1869 at Leipzig; 1869-1873 professor of botany at Erlangen; 1872-1898 idem at Halle succeeding de Bary; from 1898-1914 idem at Würzburg succeeding Julius Sachs. (*Kraus*).

HERBARIUM and TYPES: WB (destroyed).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart, 2: 318; BFM 364, 3031; BJI 1: 34; BM 2: 1024; Bossert p. 219; CSP 8: 120-121, 10: 459-460, 16: 456-457; De Toni 1: lxxii, 2: lxxiii; Frank 3(Anh.): 53; GR p. 101; IH 2: 385; Jackson p. 568 [index]; Kew 3: 312; LS suppl. 14826; Moebius p. 199, 452; Quenstedt p. 244; Rehder 5: 472-473; TL-2/1: 866; Tucker 1: 400; Zander ed. 10, p. 680.
Anon., Bot. Not. 1916: 47.

Deby, J., Bibl. microsc. microgr. stud. 3, Diat. 36. 1882.
Harvey-Gibson, R. J., Outlines hist. bot. 206, 215, 222. 1914.
Kniep, Ber. deut. bot. Ges. 33: (69)-(95). 1915 (bibl.); Verh. physik.-med. Ges. Würzburg ser. 2. 44: 173-196. 1916 (portr., bibl.).
Reiche, K., Grundz. Pflanzenverbr. Chile 34. 1907 (Veg. Erde vol. 8).
Stearn, W. T., Gard. Hist. 5(1): 42-52. 1977.
Wittrock, V. B., Acta Horti Berg. 3(3): 140, pl. 128. 1905 (portr.).

COMPOSITE WORKS: (1) For a list of the 57 dissertations and other scientific papers published under Kraus' guidance see Ber. deut. bot. Ges. 33: (92)-(95). 1915.
(2) Contributed to A. Schenk, *Handb. Bot.* 1, 1879.

3914. *Der botanische Garten der Universität Halle.* Leipzig (Wilhelm Engelmann) 1888-1894, 2 Hefte. Oct. (*Bot. Gart. Halle*).

Heft 1: Mar 1888 (Nat. Nov. Mar 1888; Bot. Zeit. 30 Mar 1888), p. [i]-vi, [vii, cont.], [1]-79, 5 liths.
Heft 2: Dec 1893 (t.p.: 1894; Nat. Nov. Dec 1893; Bot. Zeit. 1 Jan 1894), p. [i]-viii, [1]-155, 2 Liths., 1 map.
Copy: U. – Important historical study on the history of botany at Halle, but especially also on the history of plant introduction into Western Europe. Much biographical and bibliographical information on K. P. J. Sprengel and his pupils.

Krause, Christian Ludwig (*fl.* 1753), German botanist and gardener at Berlin. (*C. Krause*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 1024; Dryander 3: 631, 5: 68; PR 4861 (ed. 1: 5392); Rehder 5: 473.

COMPOSITE WORKS: For the "*Index plantarum* tam peregrinarum quam nostro nascentium coelo, quae aluntur Berolini, *in horto* celebri *krausiano*" see under C. L. Roloff.

3915. *Catalogus arborum*, fruticum et herbarum, exoticarum et indigenarum, quarum semina venduntur berolini apud Christianum Ludovic. Krause ante portam straloviensem in platea die Krauts-Gasse dicta. Berolini 175 [sic; 1753]. Oct. (*Cat. arb.*).
Publ.: 1753, p. [1]-40. *Copy*: MO. – To be regarded as pre-Linnaean in view of the absence of proof to the contrary. The statement that actual publication took place in 1753 stems from Pritzel.

3916. Christian Ludewig Krausens, . . . Funfzigjährig-Erfahrungsmässiger *Unterricht von der Gärtnerey.* Berlin und Leipzig (bey George Jacob Decker, . . .) 1773. Oct. (*Unterr. Gärtner.*).
Publ.: 1773, p. [i]-xxii, [1]-782. *Copy*: M.

Krause, Ernst Hans Ludwig (1859-1942), German physician and botanist; Dr. med. Berlin 1881; prolific batologist; longtime "Oberstabarzt" at Saarlouis; later in Rostock. (*E. H. L. Krause*).

HERBARIUM and TYPES: B (extant); other material at H, KIEL, ROST (musci) and H(musci).
Ref.: Kohlmeyer, J. J., Willdenowia 2: 783. 1961.
Hepper, F. N. and F. Neate, Plant coll. West Africa 46. 1971.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 319; BFM 98, 546-549, 597; BJI 1: 34; BL 1: 88, 305, 2: 52, 120, 676; BM 2: 1025; CSP 8: 121, 16: 458; DTS 6(4): 164; Hortus 3: 1197 ("Krause, E. H. L."); IH 2: 386; Jackson p. 310; Kew 3: 312; Langman p. 418; LS 14384; LS 14384, suppl. 14831-14834; NAF 28B(2): 441, ser. 2. 2: 163; NI [is not 1100]; PR [is not PR 4862]; Rehder 5: 473; Tucker 1: 401; Urban-Berl. p. 365; Zander ed. 10, p. 680.
Drude, O., Hercyn. Florenbezirk 16. 1902 (Veg. Erde 6).

Fischer-Benzon, R. J. D. von, *in* P. Prahl, Krit. Flora Schleswig-Holstein 2: 30. 1890 (bibl.).
Hallier, H., Jahrb. Hamb. wiss. Anstalten 17(Beih. 3): 56-57. 1900 (polemic).
Letouzey, R., Fl. Cameroun 7: 12, 43. 1968.
Pohl, F., Generalreg. Beih. Bot. Centralbl. 1-17, 18-45(1): 10. 1931, 18-50: 10-11. 1942.
Urban, I., Symb. ant. 3: 69. 1902.

COMPOSITE WORKS: (1) *Kritische Flora der Provinz Schleswig-Holstein*, 1888-1890, with P. Prahl (q.v.) and R. J. D. v. Fischer-Benzon.
(2) J. Sturm's *Flora von Deutschland*, zweite umgearbeitete Auflage, author of vols. 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14; co-author of vol. 2.

EPONYMY: *Krauseola* Pax & Hoffmann (1934) may be dedicated to him ("... zu Ehren von Johannes Krause ..."). *Krauseella* C. Müller Hal. (1883) is dedicated to the brothers Aurel Krause (1848-1908) and Arthur Krause (1851-1920), German geographers and botanical collectors.

3917. *Flora von Rostock* und Umgegend. Bearbeitet von Carl Fisch ... und Ernst H. L. Krause, ... Rostock (Wilh. Werthers Verlag) 1879. Oct. (*Fl. Rostock*).
Co-author: Carl Fisch (1859-?).
Publ.: Apr 1879 (p. [vi]: Mar 1879; Nat. Nov. Mai 1879; Bot. Zeit. 16 Mai 1879), p. [i-vii], [1]-208. *Copy*: HH.

3918. *Mecklenburgische Flora* ... Rostock (Wilh. Werthers Verlag) 1893. Oct. (*Mecklenb. Fl.*).
Publ.: Mai-Jun 1893 (Bot. Zeit. 1 Sep 1893; Nat. Nov. Jul(1) 1893), p. [i]-viii, [(1)]-(60), [1]-248. *Copies*: B, L, M.

3919. *Nova synopsis ruborum Germaniae et Virginiae.* Pars I. Monographische Beiträge zur Kenntniss der Gattung Rubus, insbesondere der Brombeeren Deutschlands und Virginiens ... Saarlouis (Selbstverlag) 1899. Qu. † (*Nova syn. ruborum Germ. Virgin.*).
Pars 1: Oct 1899 (p. 104: Feb 1899; J. Bot. Jan 1900; Bot. Zeit. 16 Nov 1899; Nat. Nov. Oct(2) 1899, Dec(1) 1899), p. [1]-105, *pl. 1-12* (uncol.). *Copies*: L, MO, NY, USDA. – *Title*: cover has "Nova synopsis ...", t.p. "Synopsis ...
Ref.: Krause, E. H. L., Bot. Jahrb. 16, Beibl. 39: 1-4. 1893.
Marshall, J. Bot. 38: 25-28. 1900.

3920. *Exkursionsflora.* Taschenbuch zum vorläufigen Bestimmen von Blütenpflanzen und Gefässkryptogamen auf Ausflügen in Deutschland. Im Anschluss an die 2. Auflage der Sturmschen Flora ... Stuttgart (Verlag von K. G. Lutz). 1908. Oct. (*Excursionsflora*).
Publ.: Feb 1908 (Nat. Nov. Mar(1) 1908), p. [2]-352. *Copies*: B, M. – Alternative t.p. [2]: "Schriften des deutschen Lehrer-Vereins für Naturkunde xxii. Band. Exkursionsflora ..."

3921. *Rostocker Moosflora* von Ernst H. L. Krause. (Rostock, Ludwigstrasse 25) [1921-1922]. Oct. (*Rostock. Moosfl.*)
Publ.: 1921-1922 (fide handwritten note by K. Müller on Steere copy), p. [1]-16. *Copy*: Steere.

Krause, Ernst Ludwig (1839-1903), German botanist; popular writer on botany; used the pseudonym Carus Sterne. (*E. L. Krause*).

HERBARIUM and TYPES: Unknown.

BILIOGRAPHY and BIOGRAPHY: Barnhart 2: 319; BM 2: 1024; Jackson p. 484; NI 1100; PR 4862; Rehder 5: 473.
Hantzsch, V., *in* A. Bettelheim, Biogr. Jahrb. deut. Nekrol. 8: 305-307. 1905 (general appreciation and review of major works).

Krause, Johann Wilhelm (1764-1842), German clergyman and botanist in Taupadel (Sachsen-Weimar). (*J. Krause*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 1025; Jackson p. 195, 201; NI 1101; PR 4863-4864 (ed. 1: 5393-5394).

3922. *Abbildungen und Beschreibung aller bis jetzt bekannten Getreidearten* mit Angabe ihrer Kultur und Nutzen, in acht Heften. Zur Förderung der wissenschaftlichen Kenntnis, Gleichförmigkeit des Systems und der Benennungen dieser ersten ökonomischen Gewächse unternommen von Johann Wilhelm Krause, . . . und die Originalzeichnungen nach der Natur gefertiget von Dr. Ernst Schenk, . . . Erstes[-achtes] Heft, enthaltend . . . Leipzig (in Baumgärtner's Buchhandlung) 1834-1837. Fol. (*Abbild. Getreideart.*).
Artist: Ernst Schenk (1796-1859), "akademischer Zeichenmeister in Jena."

Heft 1: 1835, p. [i]-iv, [1]-[12], [1]-24, *pl. 1-6.*
Heft 2: 1834, p. [i], [13]-32, *pl. 1-6.* Was published before Heft 1 for which the author needed further material in 1834.
Heft 3: 1835, p. [i], [1]-24, *pl. 1-6.*
Heft 4: 1836, p. [i], [1]-16, *pl. 1-6.*
Heft 5: 1837, p. [i], [1]-19, [20, err.], *pl. 1-6.*
Heft 6: 1837, p. [i], [1]-28, *pl. 1-6.*
Heft 7: 1837, p. [i], [1]-16, *pl. 1-6.*
Heft 8: 1837, p. [i], [1]-12, *pl. 1-6.*
Copies: U, WU. – *Plates*: Exquisite handcoloured copper engravings by Schenk. – Information on WU copy supplied by W. Gutermann. PR (ed. 1) mentions an additional text of $3\frac{1}{2}$ lvs.

3923. *Das Getreide-Buch*, oder neueste Wanderungen durch das wissenschaftliche Gebiet der Getreide. Ein Hülfswerk für Alle, die eine genaue Kenntniss der bis jetzt bekannten Getreidearten, Systeme und verschiedenen Benennungen (Synonimik), wie auch der dem Getreide schädlichen Unkräuter, Krankheiten und Feinde, der hierzu erforderlichen Literatur und noch mancherlei anderes Wissenswerthe über diesen Gegenstand bedürfen oder wünschen, von Johann Wilhelm Krause, . . . Mit mehrern in den Text eingedruckten und beigegebenen Holzschnitten, nebst einem vollständigen Register über die deutschen Namen der Unkräuter. Auch als Kommentar zu desselben Verfassers grossem Werke: Abbildungen und Beschreibung aller bis jetzt bekannten Getreidearten (8 Hefte royal Folio), zu betrachten. Leipzig (Baumgärtner's Buchhandlung) 1840. Oct. (*Getreide-Buch*).
Publ.: Mai-Dec 1840 (p. vi: 26 Apr 1840), p. [i]-x, [1]-294, *4 pl.* (wood engr.). *Copies*: U, WU (inf. W. Gutermann).

Krause, Kurt (1883-1963), German botanist of the Engler school at Berlin. (*K. Krause*).

HERBARIUM and TYPES: B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 319; BJI 2: 96; Bossert p. 219; Hirsch p. 160; Hortus 3: 1197 ("Krause, Kurt"); IH 2: 386; Kew 3: 311-313; Langman p. 418; MW p. 251; TL-2/1: 1711, 1713; Tucker 1: 401; Zander ed. 10, p. 680.
Blatter, E., Fl. Aden 22: 1914 (on K's Beiträge zur Kenntnis der Flora von Aden, Bot. Jahrb. 35(5): 682-749. 1905).
Weberbauer, A., Pflanzenwelt Peruan. Anden 32. 1911 (Veg. Erde 12).

COMPOSITE WORKS: (1), EP, *Die natürlichen Pflanzenfamilien, ed. 2*: (a) *Stemonaceae*, 15a: 224-227. Apr 1930.
(b) *Liliaceae*, 15a: 227-386. Apr 1930.
(c) *Loranthaceae*, Nachtr., 16b: 339. Jan-Apr 1935.
(d) *Lacistemaceae*, 21: 321-323. Dec 1925.
(2) Engler, *Pflanzenreich*: (e) *Aponogetonaceae* (with A. Engler), Heft 24, *publ.*: 2 Jan 1906.
(f) *Araceae*, *Monsteroideae*, (with id.), Heft 37, *publ.*: 8 Dec 1908; *Calloideae*, Heft 37, *publ.*: 8 Dec 1908; *Philodendroideae* (with id.), Heft 55, *publ.*: 6 Aug 1912 and Heft 60, *publ.*: 23 Sep 1913; *Colocasioideae* (with id.), Heft 71, *Publ.*: 14 Mai 1920.
(g) *Brunoniaceae*, Heft 54, *Publ.*: 25 Mar 1912.

(h) *Goodeniaceae, Heft 54, publ.*: 25 Mar 1912.
(3) Pulle, *Fl. Suriname, Loranthaceae* 1(1): 4-24. Mai 1932.

EPONYMY: *Krausella* H. J. Lam (1931).

Krauss, Christian Ferdinand Friedrich von (1812-1890), German botanist and zoologist; Dr. Phil. Heidelberg 1836; travelled in South Africa 1838-1840; from 1840 in various functions at the natural history museum at Stuttgart. (*C. Krauss*).

HERBARIUM and TYPES: No original botanical material in STU; specimens of his South African plants are in many herbaria (see IH); HBG and OXF have original algae; bryophytes at FI and LY. – We are grateful to Ernst Schüz at Stuttgart for information on Krauss' collections and travelogues.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 308; Barnhart 2: 319; BM 2: 1025; Bossert p. 219; Clokie p. 195; CSP 10: 461, 16: 461; Frank 3(Anh.): 53; GR p. 101 (original inf.); Hortus 3: 1197 ("Krauss, C. F."); IH 2: 386; Jackson p. 349; Kew 3: 313; LS 14387; PR 4870 (ed. 1: 5400); Quenstedt p. 244; RS p. 91.
Anon., Nat. Nov. 1890: 408.
Fraas, C. N., Jahresh. Ver. vaterl. Naturk. Württemberg 47: xxxv-xxxviii. 1891 (portr., partial bibl.); ["O.F."], Leopoldina 28: 78-79. 1892 (brief bibl.).
Gunn, M., Forum bot., S. Africa, 2(6): 3. 1964 (on a mss. autobiography).
Lambert, Jahresh. Ver. vaterl. Naturk. Württemberg 117: 83-98. 1962 (mentions plant material at STU p. 92-93).
MacOwan, P., Trans. S. Afr. philos. Soc. 4: xxx-liii. 1887.
Metger, Jahresber. Württemb. Ver. Handelsgeogr. 7/8: 127-135. 1890.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 98, 207, 567. 1963.
Schüz, Jahresh. Ver. vaterl. Naturk. Württemberg 122: 47-62. 1967 (letters by Ludwig to Krauss).
Spohr, O. H., Ferdinand Krauss: travel journal / Cape to Zululand. Observations by a collector and naturalist 1838-40. Cape Town 1973, 90 p. (n.v., inf. E. Schüz).

EPONYMY: *Kraussia* W. H. Harvey (1842); *Kraussia* C. H. Schultz Bip. (1844).

3924. *Beitrage zur Flora des Cap- und Natallandes* . . . Regensburg [1844-] 1846. Oct. (*Beitr. Fl. Cap.*).
Co-author (for Compositae): Carl Heinrich Schultz "Bipontinus" (1805-1867).
Publ.: 1846, reprint of a series of papers in Flora (see below), p. [i], [1]-215, *2 pl.* (uncol. liths.). *Copy*: NY.

pages	Flora	dates
1-14	27: [261]-274	7 Mai 1844
14-44	27: [277]-307	18 Mai 1844, 296 as "962", 307 as "703"
44-57	27: 346-359	7 Jun 1844
57-66	27: [423]-432, *pl. 1*	7 Jul 1844
66-71	27: [551]-556	28 Aug 1844
71-86	27: [667]-682	21 Oct 1844 by Schultz-Bip.
86-96	27: 692-702	28 Oct 1844 by Schultz-Bip.
97-112	27: [767]-783	7 Dec 1844 by Schultz-Bip.
	27: *pl. 7*	21 Dec 1844 plate only!
113-129	27: [819]-835	28 Dec 1844
[129-144]	28: [65]-80	7 Feb 1845 as "1844"
[144]-157	28: [81]-93	14 Feb 1844 as "1844"
157-166	28: [305]-314	28 Mai 1845
166-173	28: [337]-344	14 Jun 1845
173-184	28: [753]-764	28 Dec 1845
184-192	29: [113]-121	28 Feb 1846
192-202	29: [129]-138	7 Mar 1846 cryptogamae
202-215	29: [209]-219	14 Apr 1846 216-219 Consp. ord.

Krauss, G. (*fl.* 1812), German gardener at Würzburg. (*G. Krauss*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: PR ed. 1: 5404.

3925. *Verzeichniss von in- und ausländischen Pflanzen*, welche im grossherzoglichen Residenzgarten in Würzburg zu haben sind. Würzburg (gedruckt bey Joseph Stahel) 1812. Qu. (*Verz. Pfl.*).
Publ.: 1812 (p. [iv]: Mar 1812), p. [i, iii-iv], [1-39] [sign. A-E). *Copy*: G. – Anonymous publication attributed to "G. Krauss" by PR. – Simple enumeration and price-list with some synonymy. Rare but relatively unimportant.

Krauss, Johan Carl (1759-1826), German-born professor of medecine at Leiden. (*J. Krauss*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 1025; GF p. 63; JW 3: 358, 5: 244; Kew 3: 313; NI 1102-1103; PR 4871-4872 (ed. 1: 5402-5403); Rehder 5: 474.

3926. *Afbeeldingen der Artseny-Gewassen* met derzelver Nederduitsche en Latynsche Beschryvingen. Amsterdam (Bij J. C. Sepp en Zoon) 1796-1800, 6 vols. Oct. (*Afb. Artseny-Gew.*).
Text: Dirk Leonard Oskamp (1768-?) (vol. 1), Maarten Houttuyn (1720-1798) (vol. 2), J. C. Krauss (vols. 3-6?, only vol. 6 so signed).
Plates: Anonymous hand-coloured copper engravings, from *Icones plantarum medicinalium*.

1 1794-1799 (t.p. 1796; first part issued 1794, but p. vii: 29 Dec 1799), p. [i], [iii], [v]-xvi, [1, t.p. fasc. 1 dated 1794], [1]-102, [1-4, index], *pl. 1-100*.
2: 1796 (p. [viii]: 18 Mai 1796), p. [i-xii], [1]-101, *pl. 101-200*.
3: 1796 (t.p.), p. [i], [iii], [1-4, ind.], [1, subscr.], [1]-101, *pl. 201-300*.
4: 1800 (t.p., pref. 1 Aug 1798], [i*-v*], [i]-ii, [1-4, index], [1]-100, *pl. 301-400*.
5: 1800 (t.p.), p. [i*-iii*], [1-4, ind.], [1]-100, *pl. 401-500*.
6: 1800-1801 (t.p.; p. iv: Aug 1801), p. [i*-iii*], [i]-iv, [1]-100, *pl. 501-600*, index [1]-32. [-36].
Copies: MICH, NY, U.

3927. *Afbeeldingen der fraaiste, meest uitheemsche boomen en heesters.* Die tot versiering van Engelsche bosschen en tuinen, op onze grond, kunnen geplant en gekweekt worden; benevens de beschrijving van derzelver kenmerken, voortkweeking, nuttigheden en andere bijzonderheden, ingericht om aan de liefhebbers van zodanige bosschen of tuinen de kennis van dezelve zo aangenaam als nuttig te maken. Door J. C. Krauss. Med. Doctor . . . te Amsterdam (bij Johannes Allart). 1802. Qu. † (*Afb. boom. heest.*).
Publ.: 1802 (t.p.), but published in 21 fascicles, the precise dates of which are not known, p. [i*], [i]-viii, pl. [*1-126*], handcol. copper engr., with text. *Copies*: MO, NY, U, USDA. – Title on covers: "*Verzameling van boomen en heesters* ter versiering van Engelsche bosschen en tuinen no. 1 [-21] te Amsterdam, by Johannes Allart." The original covers of parts 2-21 list the contents but are not dated (MO copy). Publication was discontinued because of insufficient sales.

Krebs, (Georg) **Ludwig Englehard** (1792-1844), German naturalist; at the Cape 1817-1844. (*L. Krebs*).

HERBARIUM and TYPES: Main set at B; dupl. BR, E, FI, G, KIEL, L, MO, NY, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 308; Barnhart 2: 320; Clokie p. 195; IH 2: 387; Urban-Berl. p. 266, 288, 366.
Ffolliott, P. and R. Liversidge, Ludwig Krebs. Cape Town 1971 (itin., bibl.).
Schmid, G., Chamisso als Naturforscher 169 [index]. 1942.
Stafleu, F. A., Taxon 21: 363-364. 1972.

EPONYMY: *Krebsia* Ecklon & Zeyher (1836); *Krebsia* Harvey (1868).

Krebs, F. L. (*fl.* 1827-1835), German forestry botanist; "herzoglich Braunschweiger Forstschreiber." (*F. Krebs*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 1025; Kew 3: 314; NI 1104; PR 4873 (ed. 1: 5404); Rehder 5: 474; Tucker 1: 401.

3928. *Vollständige Beschreibung und Abbildung der sämmtlichen Holzarten*, welche im mittlern und nördlichen Deutschland wild wachsen. Für Gutsbesitzer, Forstmänner, Oekonomen und Freunde der Natur. Nach den besten Hülfsmitteln bearbeitet und herausgegeben von F. L. Krebs, . . . Erster Theil. Braunschweig (Druck und Papier von Friedrich Vieweg und Sohn). 1826. Fol. † (*Vollst. Beschr. Holzart.*).
Publ.: in 25 Hefte, 1826-1831 [-1835?], contents and precise dates of parts unknown, p. [i]-viii, [1]-460, [1, note], *pl. 1-28, 28b, 29-43, 43b, 44, 44b, 45, 45b, 46-124, 124b, 125-145*, hand-coloured liths. of drawings by Kohte. *Copies*: MO, NY, USDA (*pl. 1-139*). – Pages [i]-viii were issued with the third fascicle (p. viii: 15 Jun 1826; p. i: t.p. dated 1826). The MO copy has the covers of the parts; no. 1 is dated 1827.

Heft	*plates*	dates	Heft	*plates*	dates
1	*1-7*	1827	14	*90-94*	1830
2	*8-14*	1827	15	*95-101*	1830
3	*15-22*	1827	16	*102-106*	1830
4	*23-29*	1827	17	*107-113*	1830
5	*30-37*	1827	18	*114-120*	1830
6	*38-46*	1827	19	*121-125*	1830
7	*47-52*	1828	20	*126-130*	1831
8	*53-58*	1828	21	*117-122*	1831
9	*59-65*	1829	22	*123-128*	1831
10	*66-70*	1829	23	[*129-133*]	1831
11	*71-77*	1829	24	*134-139*	1831
12	*78-82*	1829	25	*140-145*	[1835?]
13	*83-89*	1829			

The plates are listed here as cited on the covers: we have not yet solved the discrepancy in the numbering of Hefte 21-23.
Ref.: Steinacker, Jahrb. Geschichtsver. Herzogt. Braunschweig 1906: 61-128 (fide NI).

Kreh, Wilhelm (1884-1954), German botanist and phytosociologist at Stuttgart. (*Kreh*).

HERBARIUM and TYPES: STU.

BIBLIOGRAPHY and BIOGRAPHY: BFM 598, 2150, 2151; LS suppl. 14853-14858.
Künkele, S., Jh. Ges. Naturk. Württemberg 125: 149. 1970.
Lehmann, E., Schwäbische Apotheker 203-204. 1951.

3929. *Über die Regeneration der Lebermoose* . . . Halle (Druck von Ehrhardt Karras, Halle a. S.) 1909. Qu. (*Regener. Leberm.*)
Publ.: Dec 1909 or early Jan 1910 (Nat. Nov. Jan(2) 1910), p. [1]-89, [90], 213-301, *pl. 20-24*. *Copy*: G. – Nova Acta Leopoldina 90(4), 1909.

Kremer, Jean Pierre (1812-1867), French (Lorraine) botanist at Metz. (*Kremer*).

HERBARIUM and TYPES: P, P-CO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 320; BM 2: 1027; GR p. 331; IH 2: 387; Jackson p. 307; PR 4875-4877 (ed. 1: 5407); Rehder 5: 474.

Anon., Bull. Soc. bot. France 14(c.r.): 190. 1867, 15: xv. 1868.
Cosson, E. et Durieu, M. C., Exp. Sci. Algérie Bot. 2: xxxii-xxxiii. 1868.
Maire, R., Progr. connaiss. bot. Algérie 84-85. 1931.

EPONYMY: *Kremeria* Durieu de Maisonneuve (1846); *Kremeria* Cosson et Durieu de Maisonneuve ex Cosson (1856); *Kremeriella* Maire (1932).

3930. *Monographie des hépatiques de la Moselle* suivie d'une méthode analytique des genres et des espèces. Par J. P. Krémer, . . . à Metz (Chez M.me Thiel, Libraire-éditeur) 1837. Oct. (in fours). (*Monogr. hépat. Moselle*).

Ed. 1: 1837, p. [i-iii*], [i]-iv, [1]-44, [1, err.]. *Copy*: Steere.
Ed. 2: 1863, p. [i*], [i]-iii, 3-51. *Copies*: G, NY, USDA. – "*Monographie des hépatiques du département de la Moselle*, par le docteur J.-P. Kremer, . . . 2e édition, revue et augmentée." Metz (Typographie J. Mayer, . . .) 1863. Oct. (in fours).

Krempelhuber, August von (1813-1882), German lichenologist and forester; "Königlicher bayerischer Forstrath" in München. (*Kremp.*).

HERBARIUM and TYPES: M; other material B, BR, K, L, LD, PC, W, WU.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(2): 636; Ainsworth p. 300; Barnhart 2: 321; BM 2: 1027; CSP 3: 752, 8: 125-126, 10: 463-464, 16: 466; DTS 1: 161; Frank 3(Anh.): 53; GR p. 24, *pl.* [3], cat. p. 66; IH 2: 387; Jackson p. 4, 224, 301, 395; Kew 3: 314; LS 14391-14434, 35608-35610; Moebius p. 107, 109, 110; MW p. 251; PR 4878-4879, 10591; Saccardo 2: 60; SBC p. 124 ("Kremp."); TL-2/1: 1764.
A-d, Leopoldina 19(5/6): 34-37. 1883 (partial bibl.).
Anon., Bot. Not. 1883: 30; Bot. Zeit. 40: 821. 24 Nov 1882, 41: 16. 1883 (herb.); J. Bot. 21: 382. 1883; Flora 65: 466. 1882 (death), 66: 16. 1883 (herb. for sale).
Lütjeharms, W. J., Gesch. Mykol. 8. 1936.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 179. 1947.
Wittrock, V. B., Acta Horti Berg. 3(3): 140, *pl. 127*. 1905 (portr.).

COMPOSITE WORKS: (1) Mueller, F. J. H. v., *Fragmenta phytographiae Australiae*, suppl., part 5: *Lichenes australiani* (1880).
(2) Fenzl, E., *Reise Novara* (no. 1764), Heft 2, *Lichenes*, also issued as a reprint with t.p. of complete volume: [i], [105]-129, *pl. 12-19*, p. *231-261* (index). *Copy*: L. – *Publ.*: 1870.

EPONYMY: *Krempelhuberia* A. Massalongo (1854).

3931. *Die Lichenen-Flora Bayerns* oder Aufzählung der bisher in Bayern (diesseits des Rheins) aufgefundenen Lichenen mit besonderer Berücksichtigung der verticalen Verbreitung dieser Gewächse in den Alpen. Ein Beitrag zur naturhistorischen Kenntniss Bayerns . . . s.l.n.d. [Regensburg (Verlag der Gesellschaft) 1861]. Qu. (*Lich.-Fl. Bayern.*).
Publ.: Apr-Dec 1861 (p. vi: Dec 1859; p. 300: Mar 1861; BSbF Mar 1862; rd. at G 3 Apr 1862), p. [i]-vi, [1, cont.], [1]-317. *Copies*: G, L, MICH, NY, Stevenson, USDA; IDC 522. – Denkschriften der k. bayer.-botanischen Gesellschaft zu Regensburg IV(2). 1861 (separate t.p.).

3932. *Geschichte und Litteratur der Lichenologie* von den ältesten Zeiten bis zum Schlusse des Jahres 1865 . . . München (kgl. Hofbuchdruckerei von Dr. C. Wolf & Sohn. Im Selbstverlage des Verfassers.), 1867-1872, 3 vols. Oct. (*Gesch. Lichenol.*).

Vol. 1: Oct 1867 (p. vii: Mar 1866; Flora "soeben" 22 Oct 1867; J. Bot. Nov 1867), frontisp. portr. A. B. Massalongo, p. [i]-xi, [1-2, err.], [1, h.t.], [1]-616.
Vol. 2: Aug 1869 ("soeben" Hedwigia Sep 1869; Id. Flora 1869; J. Bot. Oct 1869), frontisp. Portr. author, p. [i]-vi, [1-2, err.], [1]-776.
Vol. 3: Dec 1871 (t.p. 1872; p. vii: Aug 1871; "soeben" Bot. Zeit. 29 Dec 1871; id. Flora 1 Jan 1872; Hedwigia Jan 1872), p. [ii]-xiii, [1-2, err.; motto], [1]-260, [1, ind.].
Copies: G, L, MICH, NY, Stevenson, USDA; IDC 582.

Motto: (from "Tratinick, An Florens Freunde anno 1793") "Der Flechten grosses Heer, dem Pöbel kaum bekannt/ Ist prächtiger geziert. Nur eines Schöpfers Hand/ kann zo viel Sonderbar's mit Harmonie verbinden."
Ref.: Anon., Bull. Soc. bot. France 14 (bibl.): 169-171. 1867.
Krempelhuber, A. v., Bot. Zeit. 25: 358-359. 1867 (notice dated Oct 1867).
Anon., Bot. Zeit. 26: 286-288. 24 Apr 1868 (vol. 1), 27: 655-656. 24 Sep 1869 (vol. 2).

3933. *Exotische Flechten* aus dem Herbar des k.k. botanischen Hofkabinetes in Wien ... [Wien (Druck von Carl Ueberreuter (M. Salzer) 1868]. Qu. (*Exot. Flecht.*).
Publ.: 1868 (submitted 1 Apr 1868), p. [1]-28, *pl. 3-4* (uncol. liths.). *Copy*: G. – Verh. k.k. zool. bot. Ges., Wien 18: [303]-330, *pl. 3-4*. 1868.

3934. *Lichenes Brasilienses* quos legit E. Warming in provincia Minas Geraes auctore Doct. A. de Krempelhuber. 1873. Oct. (*Lich. bras.*)
Publ.: 10 Apr 1874 (t.p. 1873, but publ. in *Symbolae* only on 10 Apr 1874), p. [i, new t.p., printed by K's son at München], [1]-35 (also paginated [365]-399), *pl. 1*, err. slip. *Copy*: FH. – Particula xiv of E. Warming, *Symb. fl. Bras. centr.*, Vid. Medd. nat. Hist. For. Kjøbnhavn 5: 365-399. 1873 (1874).

3935. *Beitrag zur Kenntnis der Lichenen-Flora der Südsee-Inseln* ... [Hamburg (Museum Godefroy) 1873]. Qu. (*Beitr. Lich.-Fl. Südsee-Ins.*).
Publ.: 1873, p. [1]-18, *pl. 14* (uncol. lith. W. Heuer). *Copy*: G. – Reprinted from Journal des Museum Godefroy 4: 93-110. 1873.

3936. *Lichenes foliicolae* quos legit O. Beccari annis 1866-1867 in insula Borneo. Auctore Doct. A. de Krempelhuber. (Commentatio privatim impressa) Monachii [München] (impr. filius auctoris) 1874. (*Lich. foliicol.*).
Publ.: 1874, p. [i, iii], 1-24 (one-sided). *Copies*: FH, G.

3937. *Lichenum genus Ascidium* auctore Dr. A. de Krempelhuber. Loco manuscripti pro publicatione privatissima impress. a Fried. de Krempelhuber, Monachii [München] 1875. (*Ascidium*).
Publ.: 1875, p. [i-iv], [1]-24, [1, index]. *Copy*: FH.

3938. *Aufzählung und Beschreibung der Flechtenarten, welche Dr. Heinrich Wawra Ritter von Fernsee von Zwei Reisen um die Erde mitbrachte* ... [Wien 1876]. Qu. (*Flechtenart. Wawra*).
Publ.: 1876 (submitted 7 Jun 1876) p. [1]-14. *Copy*: G. – Reprinted from Verh. k.k. zool. bot. Ges., Wien, 26: 433-446. 1877 (1876).

3939. *Neue Beiträge zur Flechten-Flora Neu-Seelands* ... [Wien 1876]. Qu.
Publ.: 1876 (submitted 7 Jun 1876), p. [1]-14. *Copy*: G. – Reprinted and to be cited from from Verh. k.k. zool. bot. Ges., Wien 26, 447-460. 1877 (1876).

3940. *Lichenes brasilienses*, collecti a D. A. Glaziou in provincia brasiliensi Rio Janeiro ... Regensburg (Neubauer'sche Buchdruckerei (F. Huber)) 1876. Oct. (*Lich. bras.*)
Publ.: 1876, p. [i], [1]-91. *Copy*: FH. – Reprinted from Flora 59: 33-38, 56-63, 70-77, 140-144, 172-176, 217-224, 248-251, 265-271, 316-320, 378-384, 412-416, 417-423, 445-448, 475-482, 511-514, 522-529. 1876 (issues dated).

3941. *Lichenes*, collecti in republica Argentina a doctoribus Lorentz et Hieronymus, determinati et descripti a Doct. A. de Krempelhuber, monacensi. Regensburg (Neubauer'sche Buchdruckerei (F. Huber).) 1878. Oct.
Publ.: in five parts in Flora vol. 61, 1878, reprinted p. [1]-27. *Copy*: G. – Publication in journal: *1*: 433-439. 1 Oct 1878; *2*: 461-464. 11 Oct 1878; *3*: 476-480. 21 Oct 1878; *4*: 492-496. 1 Nov 1878; *5*: 516-523. 21 Nov 1878. – Also published in Bol. Acad. nac. Ci. Cordoba 3: 100-128. 1879. To be cited from publ. in *Flora*.

3942. *Ein neuer Beitrag zur Flechten-Flora Australiens* ... [Wien 1880]. Qu.
Publ.: Jan-Apr 1881 (submitted 7 Jul 1880; Nat. Nov. Mai(1) 1881), p. [1]-14. *Copy*: G. – Reprinted and to be cited from from Verh. k.k. zool. bot. Ges., Wien 30: 329-342. 1881.

Kreutzer, Karl (Carl) **Joseph** (1809-1866), Austrian botanist and librarian at Wien; later University librarian at Graz. (*Kreutz.*)

HERBARIUM and TYPES: Unknown.

NAME: "Carl" on earlier publications, from 1852 onward "Karl".

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 1027; CSP 3: 753; Jackson p. 218, 270; LS 14435; PR 4882-4888 (ed. 1: 5409-5413); Rehder 5: 474; Tucker 1: 401.
Anon., Flora 49: 94. 1866 (death by suicide, 3 Feb 1866); Österr. bot. Z. 16: 91. 1866 (suicide).
Neilreich, A., Verh. zool.-bot. Ver. Wien 5: 57. 1855.

3943. *Oesterreichs Giftgewächse* . . . Wien (Bei J. G. Ritter v. Mösle's Witwe und Braumüller) 1838. Oct. (*Oesterr. Giftgew.*).
Publ.: 1838 (Flora rd. 5 Nov 1838), p. [i-iii], [1]-177, [178, err.]. *Copy*: W.

3944. *Beschreibung und Abbildung sämmtlicher essbaren Schwämme*, deren Verkauf auf den niederösterreichischen Märkten gesetzlich gestattet ist. Mit verzugsweiser Berücksichtigung der zweckmässigsten Weise, die Gesundeste und Schmackhafteste zuzubereiten. Bearbeitet von Carl Joseph Kreutzer. (Mit 8 Tafeln ausgemalter Abbildungen.) Wien (Bei J. G. Ritter von Mösle's Witwe und Braumüller) 1839. Oct. (*Beschr. Abbild. Schwämme*).
Publ.: Dec 1838 or very early Jan 1839 (p. viii: 25 Aug 1838; Flora rd. 7 Jan 1839), p. [i]-viii, [1-2], [1]-57, *8 pl.* (col.). *Copies*: FH, WU (inf. W. Gutermann).

3945. *Prodromus florae vindobonensis*, oder Verzeichniss der in den Umgebungen Wiens wild wachsenden Pflanzen . . . Wien (Friedrich Volke's Buchhandlung) 1840. Oct. (*Prodr. fl. vindob.*).
Publ.: Aug-Dec 1840 (p. iv: Jul 1840; Flora rd. Jul-Dec 1840), p. [i]-iv, [1]-103, [104, abbr.], [1, err.]. *Copy*: Regensburg.
Ref.: Anon., Lit. Ber. Flora 10: 154-157. 14 Dec 1840.
Janchen, E., Cat. fl. austr. 1: 10. 1956.

3946. *Anthochronologion plantarum Europae mediae.* Blüthen-Kalender der Pflanzen des mittleren Europa . . . Wien (Friedrich Volke's Buchhandlung) 1840. Oct. (*Anthochronologion*).
Publ.: Jan-Apr 1840 (p. viii: Cal. Jul 1839; Flora rd. 15 Apr 1840), p. [i*], [i]-viii, [1]-236, [1, err.]. *Copy*: NY.

3947. *Blüthen-Kalender* und systematisch geordnete Aufzählung der Pflanzen in den Umgebungen Wiens. Wien (Verlag von Carl Anton Armbruster) 1840. Duod. (in sixes). (*Blüthen-Kalender*).

Ed. [*1*]: 1840 (p. vi: Mar 1839), p. [i]-vi, [7]-243, [244-247, abbr.]. *Copy*: W.
Ed. 2: 1859 (p. [iii]: 1 Mai 1859), p. [i-iv], [1]-100. *Copy*: W. – "*Blütenkalender* und Herbarkatalog der in den Umgebungen von Wien wildwachsenden pflanzen . . ." Wien (Verlag von Mayer und Compagnie) 1859. Oct.

3948. *Taschenbuch der Flora Wiens*, oder Tabellen zur leichten Bestimmung und Kenntniss der in den Umgebungen Wiens vorkommenden Gewächse, nebst der Erklärung aller gebrauchten Kunstausdrücke, systematisch geordneten Uebersichten der Gattungen, Andeutungen zu monatlichen Ausflügen und der Anleitung die Pflanzen zu bestimmen. Für Freunde und Freundinnen des Pflanzenreiches . . . Wien (Druck und Verlag von A. Pichler's Witwe, . . .) 1852. Duod. (*Taschenb. Fl. Wien.*)

Ed. [*1*]: 1852 (p. x: Jun 1851; Bot. Zeit. 10 Jun 1853), p. [i]-xxiv, [1]-528, *pl. 1-2* (uncol. liths.). *Copies*: NY, Regensburg, W.
Ed. 2: Mar-Mai 1864 (p. ii: Feb 1864; Flora 10 Jun 1864), p. [i*], [i]-xii, [1]-550. *Copies*: B, G, W. – "*Taschenbuch der Flora Wiens.* Von Dr. Karl Josef Kreutzer, . . . zweite ganz umgearbeitete Auflage . . ." Wien (Verlag von L. W. Seidel & Sohn) 1864. Oct. (in fours).

3949. *Das Herbar.* Anweisung zum Sammeln, Trocknen und Aufbewahren der Gewächse nebst geschichtlichen Bemerkungen über Herbare . . . Mit 56 Holzschnitten. Wien (Verlag von Carl Helf.) 1864. Oct. (*Herbar*).

Ed. 1: Jul-Aug 1864 (p. [iii]: Jun 1864; Flora 31 Aug 1864), p. [i-iv], p. [1]-196. *Copies*: B, G, NY.
Ed. 2: Jan-Mai 1887 (Nat. Nov. Jun 1887; Bot. Zeit. 24 Jan 1887), p. [i-iv], [1]-196. *Copy*: NY. – "Neue Ausgabe." Wien (Verlag von A. Pichler's Witwe & Sohn, . . .) s.d. Oct.

Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 22: 303. 23 Sep 1864.
Anon., Flora 47: 430, 432. 1864, 48: 41-42. 1865.

Krieger, Karl Wilhelm (1848-1921), German mycologist; educated in the seminary at Nossen; high school teacher at Porschdorf nr. Schandau 1869-1876; from then on at Königstein a.E. (*K. Krieg.*)

HERBARIUM and TYPES: Unknown. Exsiccatae: (1) *Fungi saxonici exsiccati*, fasc. 1-50, nos. 1-2500, Koenigstein a. E., 1885-1919; double set at B (extant); for further sets see IH.
(2) *Schädliche Pilze unserer Kulturgewächse*, fasc. 1-4, nos. 1-200, Koenigstein a. E., 1896-1908; for sets see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 321; Bossert p. 220; CSP 16: 472; IH 2: 388; LS 14882-14888, 35615, 35616; NAF 9(6): 439-440; SBC p. 124 ("Krieg."); Stevenson p. 1248.
Anon., Rev. bryol. 30: 110. 1903, 31: 17. 1904.
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EPONYMY: *Kriegeria* Bresadola (1891); *Kriegeriella* von Höhnel (1918).

Krieger, Louis Charles Christopher (1873-1940), American mycological artist, who painted e.g. for Farlow's *Icones farlowianae*, for USDA, and for Howard A. Kelly. (*L. Krieg.*)

HERBARIUM and TYPES: MICH (with Kelly's library and collections). Botanical paintings made for USDA are now at the Smithsonian Institution (US, Griffiths' collections); other original fungi paintings (made for Farlow) are at FH; partly published as *Icones farlowianae*.
Ref.: Krieger, L. C. C., Mycologia 14: 13: 311-331, *8 pl.* 1922 ("A sketch of the history of mycological illustration . . ."); Cat. mycol. libr. Howard A. Kelly, Baltimore 1924, viii, 260 p.

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Hesler, L. R., Biogr. Sketches North Amer. mycol. 1975, mss.
Lloyd, C. G., Mycol. notes 63, 945. 1920 (on some of K's plates published by the Natl. geogr. Mag. Mai 1920).
Lütjeharms, W. J., Gesch. Mykol. 9. 1936.
Rogers, D. P., Brief hist. mycol. N. America 32-33. 1977.
Shaffer, R. L., preface to Dover edition of K's "The mushroom handbook", 1967, p. iii.
Stevenson, J. A., Mycologia 23(3): 241-247. 1941 (portr., bibl.).

3950. New York State Museum Handbook 11 . . . *A popular guide to the higher fungi* (mushrooms) *of New York State* . . . Albany (The University of the State of New York) 1935. (*Pop. guide fungi*).
Publ.: 1935, p. [1]-538, *fig. 1-126, pl. 1-32* (col.). *Copy*: Stevenson. – For subsequent editions see below, *The mushroom handbook* (3951).

3951. *The mushroom handbook* . . . illustrated by photographs and drawings by the author. New York (The Macmillan Company) 1936. (*Mushroom handb.*).

Ed. 1: Apr 1936 (Mycologia 1 Aug 1936 "recently", New York Times 3 Mai 1936), p. [i]-xiii,

11-538, *fig. 1-126, pl. 1-32* (col.). *Copy*: Stevenson. – For an earlier version see 3950, *A popular guide to the higher fungi* (mushrooms) *of New York State*, 1935.
Ed. 2: 1967, p. [i]-vii, 1-560, *fig. 1-126, pl. 1-32* (col.). *Copy*: US. – "The mushroom handbook by Louis C. C. Krieger . . . with a new preface and appendix on nomenclatural changes by Robert L. Shaffer [1929-x] . . ." Dover Publications, Inc. New York. Repaginated photographic reproduction.

Krieger, Willi (1886-1954), German desmidiologist; Dr. phil. Marburg 1927; from 1923 collaborator of Kolkwitz at the Berlin "Anstalt für Wasser-, Boden- und Lufthygiene". (*W. Krieg.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 321; Bossert p. 220; IF suppl. 1: 82; LS 14441-14443, 35614-35616, suppl. 14882-14888; NAF ser. 2. 6: 68; Rehder 5: 474.
Bethge, Ber. deut. bot. Ges. 68a: 141-143. 1955 (portr., bibl.).
Oye, P. v., Hydrobiologia 9(1): 89-91. 1957 (portr., bibl.).

COMPOSITE WORKS: (1) Rabenhorst, *Kryptogamenflora von Deutschland*, ed. 2, *Desmidiaceae*, 13(1, 1): [1]-675. 1933-1937, 13(1, 2): 1-117. 1939.
(2) posthumous: Krieger and Gerloff, *Die Gattung Cosmarium*, Weinheim, Lehre (J. Cramer); ISBN 3-7682-0130-9; *Lief. 1*: iii-xviii, 1-112, *pl. 1-23. 1962; Lief. 2*: 113-240, *pl. 24-42*. 1965, *Lief. 3*: 241-410, *pl. 43, 43a, 44-72*. 17 Mai 1969. [co-author and editor: Johannes Gerloff, 1915-x, Berlin botanist] (see Taxon 15: 81. 1966, 18: 722. 1969).
(3) posthumous: Helmcke, J. G. & W. Krieger, *Diatomeenschalen im elektronen-mikroskopischen Bild*, vols. 1-9, 1962-1974, edited by J. G. Helmcke and J. Gerloff. (Johannes Hermann Gerloff, 1915-x, Berlin, Germany).

Krocker, Anton Johann (1744-1823), German botanist and physician in Breslau (now Wroclaw), Silezia. (*Krock.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 667-668; Barnhart 2: 323; BM 2: 1028; Dawson p. 537; Dryander 3: 164; Frank 3(Anh.): 53; GF p. 63; IDC 5988; Jackson p. 310; Klášterský p. 117; LS 14445; Maiwald p. 98, 152; NAF ser. 2. 2: 163; NI 1105; Plesch p. 292; PR 4890 (ed. 1: 5418); Rehder 5: 475; Sotheby 427; ST p. 67; Tucker 1: 402; Zander ed. 10, p. 680-681.
Pax, F., Schlesiens Pflanzenwelt 7, 17. 1915 ("Krockers Werk enthält zwar manche Irrtümer, zeigt aber doch ein tiefes eindringen in den Begriff der Art und deren Variabilität . . .").

3952. Antonii Ioann. Krocker . . . *Flora silesiaca* renovata, emendata continens plantas Silesiae indigenas, de novo descriptas, ultra nongentas, circa mille auctas. Nec in flora silesiaca pristina, nec in enumeratione stirpium silesiacarum reperiundas. Secundum systema sexuale Linnaei digestas. Rariores tabulis aeneis illuminatus illustratas. In operibus Linnaei non inventas. Ex aliis clariss. auctoribus determinatas vel determinandas. Vratislaviae [Breslau] (sumptibus Guilielmi Theophili Kronii) 1787. Oct. (*Fl. siles.*).

Vol. 1: 1787 (GGA 1 Dec 1787), p. [i]-xxxvi, [1]-639, [1-2, err.], [1-10, *Elenchus*]. *Copies*: G, MO, NY, U, US, USDA. *Plates*: *1, 2a, 3, 4a, 4b, 5-19, 20a, 20b, 21-23, 24a, 24*[*b*], *25-28, 29/30, 31-33, 34/35, 36-49, 51, 52, 52bis, 53*. Issued coloured and plain.
Vol. 2(1): 1790 (prob. Apr), p. [i]-xxii, [1, h.t.], [1]-406. *Copies*: G, MO, U, USDA.
Vol. 2(2): 1790 (prob. Apr), p. [i], [1]-522, *pl. 1-44*. *Copies*: G, U, USDA.
Vol. 3: 1814, p. [i]-lii, [1]-374, *pl. 1-9*. *Copies*: G, USDA.
Vol. 4(1), *Supplementum*: 1823, p. [i]-xl, ["xxlx"], [1]-345, *pl. 1-3*. *Copies*: G, USDA.
Vol. 4(2), *id.*: 1823, p. [1]-334, *pl. 4-5*. *Copies*: G, USDA.
Editio altera, vol. 1: 1796, p. [i]-xxxvi, [1]-639, [1-2, err.], *pl. 1, 2a, 3, 4a, 4b, 5-20, 20a, 24a, 24b, 25-29, 31-49, 51, 52, 52a* (all handcol. copper engr.). *Copy*: MO. – ". . . renovata, et emendata, ultra mille plantis indigenis aucta. Secundum systema sexuale Linnaei digesta.

Tabulis aeneilluminatis illustrata ... Volumen primum. Editio altera." Vratislaviae [Breslau] (sumptibus Vilhelmi Theophili Korn) 1796. Oct.
Vol. 2: 1796, p. [i]-xxii, [1], [1]-406, [1]-522, [*Elenchus* 1-10], [1-6, err.], *pl. 1-28, 29a, 30B, 31-34*. *Copy*: MO. – "... Volumen secundum. Editio altera."
Ref.: Plesch p. 292; Sotheby 427 (sold £ 280).

Krok, Thorgny Ossian Bolivar Napoleon (1834-1921), Swedisn botanist, bibliographer, and high school teacher at Stockholm. (*Krok*).

HERBARIUM and TYPES: S; other material at C, GB.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 322; BL 2: 475, 510, 511, 514, 577; BM 2: 1028; Bossert p. 220; CSP 8: 128, 16: 475-476; De Toni 1: lxxii, 4: xxxiv; DTS 1: 161; IH 2: 389; Kew 3: 317; Kleppa p. 237, 264, 288; KR p. v-vi, 357-358 (frontisp. portr.); Langman p. 419; LS 14449-14450; PR 4896; Rehder 5: 475; SO 3714; Tucker 1: 402; Zander ed. 10, p. 681.
Anon., Bot. Not. 1865: 70, 1883: 198. 1819: 93, 1921: 180; Generalregister Bot. Not. 1839-1938: 41-43, 103. 1939.
Aulin, Sv. bot. Tidskr. 16(2): 309-314. 1922 (portr., bibl.).
Wittrock, V. B., Acta Horti Berg. 3(2): 46, *pl. 13*. 1903 (portr.); 3(3): 20, *pl. 109*. 1905 (portr.).

COMPOSITE WORKS: (1) Warming, E., *Valerianaceae*, *Symb. Fl. Bras. centr.* 27: 152-153. 10 Mai 1883.
(2) *C. J. och C. Hartmans handbok i Skandinaviens flora*, ed. 12 and following, see under C. Hartman (2426).

EPONYMY: *Krokia* Urban (1928).

3953. Anteckningar till en *monografi öfver växtfamiljen Valerianeae* ... 1. Valerianella, Hall. ... Stockholm (P. A. Norstedt & Söner, kongl. boktryckare) 1864. Qu. (*Monogr. Valerian.*).
Publ.: 1864 (submitted 10 Jun 1863), p. [i-iii], [1]-105, *pl. 1-4*. *Copies*: B, G, MO, NY; IDC 6443. – K. Sv. Vet. – Akad. Handl. 5(1).

3954. *Svensk flora för skolor* af Th. O. B. N. Krok ... och S. Almquist ... 1. *Fanerogamer*. Stockholm (Z. Haeggströms Förlagsexpedition. Ivar Haeggströms boktryckeri) 1883. Oct. (*Sv. fl. skol.*, *Fan.*).
Co-author: Sigfrid Oscar Immanuel Almquist (1884-1923).
Publ.: In all 25 editions (of which several in more than one printing). The information given below was compiled by Bo Peterson, Göteborg, who saw practically all editions and issues and kindly made his extensive information available to us. The abbreviation GB refers here to all libraries in Göteborg university. The number of copies printed are listed from notes by Krok in a copy of ed. 13 at S.

Ed. [*1*]: Apr 1883 (p. iv: Apr 1883; Nat. Nov. Mai 1883; Bot. Zeit. 29 Jun 1883), p. [i]-xxvi, [1]-197, [1, err.]. *Copy*: GB. – *Number of copies printed*: 5000.
Ed. 2: Aug- Sep 1885 (p. 4: Aug 1885; Nat. Nov. Oct 1885; Bot. Zeit. 25 Dec 1885), p. [i]-226, [1, err.]. *Copy*: GB. – "Andra upplagan." *Imprint* as ed. 1. *Printed*: 5000.
Ed. 3: 1888 (p. 4: Sep 1888), p. [1]-252. *Copy*: KVA. – "Tredje upplagan." *Imprint* id. *Printed*: 5000.
Ed. 4: 1891, p. [1]-251, [1, err.]. *Copy*: GB. – "Fjärde upplagan." *Imprint* id. *Printed*: 5000.
Ed. 5: Aug-Sep 1893 (p. [3]: Aug 1893; Nat. Nov. Oct 1893), p. [1]-255, [1, err.]. *Copy*: B. Peterson. – "Femte upplagan." (F. & G. Bejers Bokförlagsaktiebolag). *Printed*: 10.000.
Ed. 6: Jul-Aug 1898 (p. 2: 1898; Nat. Nov. Sep(2) 1898), p. [1]-256. *Copy*: GB. – "Sjette upplagan." *Imprint*: as ed. 5. *Printed*: 5000.
Ed. 7: Jan-Jul 1900 (p. [2]: 1900 Bot. Zeit. 16 Aug 1900 (incorrectly as ed. 6)), p. [1]-256. *Copy*: SBT. – "Sjunde upplagan." *Imprint*: as ed. 5 (but printed by P. Palmquist, see p. [2]). *Printed*: 5000.
Ed. 8: Jan-Jul 1901 (p. [2]: 1901; Nat. Nov. Aug(1) 1901), p. [1]-271. *Copy*: GB. – "Åttonde upplagan." *Imprint* and printer: as ed. 7. *Printed*: 5000.

Ed. 9: Dec 1903 (p. [1]: Jun 1903; Nat. Nov. Feb(1) 1904), p. [i-ii], [1]-286. *Imprint*: as ed. 5, but printed (p. [ii]) by Bejers Bokförlagsaktiebolag. *Printed*: 6000.

Ed. 10: 1905 (p. [1]: Feb 1905; Nat. Nov. Dec(1) 1905), p. [i-ii], [1]-286. *Copy*: Kungl. Bibl. Stockholm. – "Tionde upplagan." *Imprint*: as ed. 5, but printed by P. Palmquist (p. [ii]). *Printed*: 5000.

Second printing: not seen, but mentioned by Krok in his annotations, 2000 copies.

Ed. 11: Aug-Dec 1907 (p. [1]: Jul 1907; Nat. Nov. Feb(1) 1908), p. [i-ii], [1]-291, [1, err.]. *Copies*: B, B. Peterson. – "Elfte upplagan." *Imprint*: as ed. 10. *Printed*: 6000.

Second printing: 1908 (p. [ii]), p. [i-ii], [1]-291. *Copy*: GB. *Imprint*: as ed. 10. *Printed*: 3.800.

Ed. 12: 1910 (p. [1]: Jan 1910), p. [i-iv], [1]-292, [1, err.]. *Copy*: KVA. – "Tolvte upplagan." *Imprint*: as ed. 10. *Printed*: 10.000.

Second and third printings, both 1912, idem. *Copy*: GB. *Imprint*: as ed. 10. *Printed*: 8000.

Ed. 13: 1914 (p. [2]: Feb 1914), p. [i-iv], [1]-295, err. slip. *Copy*: GB. – "Trettonde upplagan." *Imprint*: as ed. 10. *Printed*: 10.000.

Second printing: n.v., fide Krok, 2.300 copies.

Ed. 14: 1917 (p. [2]: Mar 1917), p. [i-iv], [1]-295. *Copy*: KVA. – "Fjortonde upplagan." *Imprint*: Stockholm (Albert Bonniers Förlag), printed by P. Palmquist. *Printed*: 5000.

Second printing: 1918, as first printing. *Copy*: GB. *Imprint* and printer: as first printing. *Printed*: 6000.

Ed. 15: 1919 (p. [ii]: 1919), p. [i-iv], [1]-295. *Copy*: LD. – "Femtonde upplagan." *Imprint*: as ed. 14. – Republication of ed. 14.

Ed. 16: 1920 (p. [2]: Mar 1920), p. [i-iv], [1]-297. *Copy*: GB. "Sextonde upplagan. Översedd och utgiven av Erik Almquist . . ." *Imprint*: as ed. 14. *Editor* of eds. 16-25: Erik Gustaf Almquist (1892-1974).

Ed. 17: 1920 (p. [2]: Mar 1920), p. [i-iv], [1]-297. *Copy*: Kungl. Bibl. Stockholm. – "Sjuttonde upplagan . . ." rest as ed. 16.

Ed. 18: 1923 (p. [2]: Aug 1923), p. [i-iv], [1]-297. *Copy*: Kungl. Bibl. Stockholm. – "Adertonde upplagan . . ." *Imprint*: as ed. 16, but printed by Alb. Bonnier. Text slightly revised.

Ed. 19: 1926 (p. [2]: Feb 1926), p. [i-ii], [1]-297. *Copy*: GB. – "Nittonde upplagan . . ." *Imprint* and printer: as ed. 18.

Ed. 20: 1928 (p. [2]: Aug 1928), p. [i-ii], [1]-302. *Copy*: B. Peterson. – "I. Fanerogamer och ormbunkväxter tjugonde upplagan utgiven av Erik Almquist." *Imprint*: as ed. 18.

Ed. 21: 1933 (p. [2]: Apr 1933), p. [i-ii], [1]-302. *Copy*: Kungl. Bibl. Stockholm. – ". . . tjuguförsta upplagan . . ." *Imprint*: Stockholm. Albert Bonniers Förlag (Svenska Bokförlaget), printer: Alb. Bonnier.

Ed. 22: 1935 (p. 4: Aug 1935), p. [1]-386, *195 figs*. *Copies*: GB, USDA. – ". . . Tjuguandra upplagan utgiven av Erik Almquist . . . bilderna av C. A. M. Lindman." *Imprint*: as ed. 21. – [Carl Axel Magnus Lindman 1856-1926].

Second printing: 1938. *Copies*: B. Peterson, USDA. – Rest: same.

Ed. 23: 1945 (p. 4: Jan 1954), p. [1]-386, *195 figs*. *Copies*: GB, NY, USDA. – ". . . Tjugutredje upplagan . . ." Stockholm. Svenska Bokförlaget Albert Bonnier, printed by Alb. Bonnier.

Ed. 24: 1956, p. [i]-iv, [1]-403, *195 figs.*, *96 col. pl.* by Charlotte von Schéele. *Copies*: GB, NY. – *Svensk Flora* I. . . . "Tjugofjärde upplagan utgiven av Erik Almquist. Textbilderna av C. A. M. Lindman. Färgplanscher i den färgillustrerade utgåvan av Charlotte von Schéele [1840-1929]. Svenska Bokförlaget Stockholm Bonniers", printed by Alb. Bonnier.

Other issue: without coloured plates (n.v.).

Shortened version: see below, *Svensk Skolflora* (3957).

Ed. 25: 1960 (p. iv: Oct 1960), p. [i-iv], [1]-403, *195 figs.*, *96 col. pl. Copy*: GB. – ". . . Tjugofemte upplagan . . ." *Imprint* and printer: as ed. 24.

Other issue: without coloured plates (n.v.).

Second printing: 1967. *Copy*: GB. – as orig. ed. 25.

Other issue: 1974, without col. plates. *Copy*: B. Peterson. *Imprint*: Esselte Studium, ISBN 91-24-60287-6.

3955. *Svensk flora för skolor* af Th. O. B. N. Krok . . . och S. Almquist . . . II. *Kryptogamer*. Förste häftet, innehållande ormbunkar, mossor och alger. Stockholm (Z. Haeggströms Förlagsexpedition. Ivar Haeggströms boktryckeri) 1886. Oct. † (*Sv. fl. skol.*, *Krypt.*).

Co-author: Sigfrid Oscar Immanuel Almquist (1844-1923).

Publ.: Seven editions; information provided by Bo Peterson.

Ed. [*1*]: Aug-Sep 1886 (p. iv: Jun 1886; Nat. Nov. Oct 1886), p. [i-vi], [1]-60. *Copy*: KVA. – Remained unfinished.
Ed. 2: Sep-Oct 1898 (p. iv: Aug 1898; Nat. Nov. Nov 1898; Bot. Zeit. 1 Jan 1899), p. [i]-viii, [1]-279, [1, err.]. *Copies*: GB, Steere. – "Andra upplagan. Stockholm. F. & G. Bejers Bokförlagsaktiebolag." Printed by Ivar Haeggström.
Ed. 3: Aug-Dec 1907 (p. ii: Jul 1907; Nat. Nov. Feb(1) 1908), p. [i]-viii, [1]-343, [1, err.]. *Copies*: NY, B. Peterson. – "Tredje upplagan. Stockholm Beyers Bokförlagsaktiebolag." Printed by P. Palmquist.
Ed. 4: 1917 (p. [iii]: Nov 1917), p. [i]-viii, [1]-359. *Copy*: GB. – "Fjärde upplagan. Stockholm Albert Bonniers Bokförlag." Printed by P. Palmquist.
Ed. 5: 1932 (p. iii: Mai 1932), p. [i]-viii, [1]-360. *Copies*: GB, Steere, USDA. – "II. Kryptogamer (utom ormbunkväxter). Femte upplagan utgiven av Erik Almquist ... Stockholm (Albert Bonniers Förlag (Svenska Bokförlaget))." Printed by Albert Bonnier. – *Editor* of eds. 5-7: Erik Gustav Almquist (1892-1974).
Ed. 6: 1947 (p. iii: Jan 1947), p. [i]-viii, [1]-376. *Copies*: GB, U. – "Sjätte upplagan utgiven av Erik Almquist ... Svenska Bokförlaget Albert Bonnier. Stockholm." Printed by Alb. Bonnier.
Ed. 7: 1962 (p. iii: Nov 1961), p. [i]-viii, [1]-390, *39 figs*. *Copy*: GB. – "Sjunde upplagan utgiven av Erik Almquist. Svenska Bokförlaget/Stockholm Bonniers." Printed by Alb. Bonnier. Figs. by C. A. M. Lindman.

3956. *Bibliotheca botanica suecana* ab antiquissimis temporibus ad finem anni mcmxviii ... Svensk botanisk litteratur från äldsta tider t.o.m. 1918 ... utgivet efter författarens död. Uppsala, Stockholm (Almqvist & Wiksell Boktryckeri A. B.) [1925]. Oct. (*Bibl. bot. suec.*).
Publ.: 1925, p. [i], frontisp. portr. of author, [iii], [v-xvi], [1]-799. *Copies*: FAS, MO, NY, U, US. – The best national botanical bibliography, outstanding in completeness, careful attention to detail, and biographical data. Posthumously published by Carl Axel Magnus Lindman (1856-1928).

3957. *Svensk skolflora*. Fanerogamer och ormbunkväxter utgiven av Erik Almquist. Textbilderna av C. A. M. Lindman. Färgplanscher av Charlotte von Schéele. Svenska Bokförlaget Stockholm Bonniers [1957]. Oct. Oct. (*Sv. Skolfl.*)

Ed. [*1*]: 1957 (p. vi: Dec 1956), p. [i-v], [1]-183, *35 figs.*, *pl. 1-96* (col.). *Copies*: GB, U. – A shortened version of *Svensk flora*, ed. 24 (3954).
Ed. 2: 1961 (p. vi: Apr 1961), p. [i]-vi, [1]-185, *35 figs.*, *pl. 1-96* (col.).)*Copy*: GB. – Slightly revised.
Information: Bo Peterson.

Krombach, Johann Heinrich Wilhelm (1791-1881), German-born Luxemburg botanist and pharmacist; assistant pharmacist at Soest (1810-1811), Mainz (1811-1813), Aachen (1814-1815); pharmacist at Diekirch, Luxemburg 1815-1870; Luxemburg citizen 1830; professor of natural sciences Diekirch 1830-1870, at Luxemburg 1871-1881. (*Kromb.*).

HERBARIUM and TYPES: Unknown (no material at BR).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 322; BFM 286; BL 2: 419, 677; BM 2: 1028; Bossert p. 220; Jackson p. 273; Maiwald p. 279; Stevenson p. 1248; Tucker 1: 402.
Anon., Bull. Soc. bot. France 19(bibl.): 157. 1875 (founding Luxemburg bot. Soc.).
Kintgen, Rec. Soc. bot. Luxemburg 6-8: 96-100. [ca. 1881] (portr.).

3958. *Flore du Grand-Duché de Luxembourg*. Plantes phanerogames ... Luxembourg (Imprimerie J. Joris) 1875. Duod. (in sixes). (*Fl. Luxembourg*).
Publ.: 1875 (p. [iv]: 20 Mai 1875; Bot. Zeit. 3 Mar 1876). p. [i-vi], [1]-564. *Copy*: USDA. – Describes 1353 spermatophytes.
Ref.: Anon., Bot. Zeit. 34: 144. 1876.

Krombholz, Julius Vincenz von (1782-1843), Czech mycologist; Dr. med. Erfurt 1811; 1811-1814 prosector, from 1814 professor of theoretical surgery, from 1820-1836 "Professor der Staatsarzneikunde" at Praha. (*Krombh.*)

HERBARIUM and TYPES: Unknown.

NAME: Baptized Vincenz Krombholz; assumed the name Julius in later years. – Born 19 Dec 1782 in Politz, Bohemia; died 2 Nov 1843, Praha.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 70, 226, 295, 314; Barnhart 2: 322; BM 2: 1028; Bossert p. 220; CSP 3: 757; Frank 3(Anh.): 53; Jackson p. 268; Kew 3: 317; Lasègue p. 545; LS 14451-14454; Maiwald p. 279; NAF 9(6): 40; NI 1106; PR 4897-4898 (ed. 1: 5422-5423); Rehder 5: 475; Stevenson p. 1248.
Anon., Bot. Not. 1844: 96; Bot. Zeit. 2: 271-273. 5 Apr 1844; Flora 27: 256. 1844; Portraiten-Gallerie berühmter Aerzte und Naturforscher des österreichischen Kaiserthumes, Wien 1838, p. 13 (portr.).
Bolzano, Abh. k. böhm. Ges. Wiss. ser. 5.4: 9-51. 1847 (bibl.; main biogr.).
Pritzel, G. A., Linnaea 19: 456. 1847.
Wittrock, V. B., Acta Horti Berg. 3(2): 83. 1903.

EPONYMY: Krombholzia Ruprecht ex E. P. N. Fournier (1876); *Krombholzia* P. A. Karsten (1881); *Krombholziella* R. Maire (1937).

3959. *Conspectus fungorum esculentorum*, qui per decursum anni 1820 Pragae publice vendebantur. Momentum topographicum. Programma in collegia medicinae publicae primi senestris in Universitate Carolo-Ferdinandea . . . Uibersicht [sic] der essbaren Schwämme, welche in Verlaufe des Jahres 1820 in Prag zu Markte gebracht wurden. Eine topographische Notiz als Programm zur Eröffnung der Vorlesungen über Staatsarzneikunde an der Karl-Ferdinand-Universität im Schuljahre 1820/21 . . . Prag (Bei Friedrich Tempsky, Firma: J. G. Calve) 1820. Oct. (*Consp. fung. escul.*).

Ed. 1: Nov-Dec 1820 (p. 6: 1 Nov 1820), p. [1]-38. *Copy*: HBG. – The existence of this apparently very rare first issue of 1820 makes this title definitely pre-starting point with respect to Fries, *Syst. myc.* (starting point book for "Fungi caeteri" ICBN Art. 13f.).
Reissue: 1821 (t.p. same, incl. "Uibersicht" but dated 1821), p. [1]-40. *Copies*: FH, L, NY, Stevenson, USDA; IDC 5094.
Facsimile reprint: announced 1977 by Boerhaave Press (Taxon 26: 256).
Ref: Petersen, Mycotaxon 1: 156. 1975 (had not seen 1820 original).

3960. *Naturgetreue Abbildungen und Beschreibungen der* essbaren, schädlichen und verdächtigen *Schwämme* . . . Erstes [-Zehntes (letztes)] Heft. Prag (In Commission in der J. G. Calve'schen Buchhandlung) 1831-1846, 10 parts text and atlas. Fol. (*Naturgetr. Abbild. Schwämme*).
Text: In ten parts, for contents and dates see below.
Atlas: "*Tafeln zu dem mykologischen Werke von Krombholz*. . ." Prag (id.). s.n. with 76 liths. (issued hand-coloured and plain), nos. *1-76*, *22* misnumbered "*30*", *52* idem "*41*", *57* idem "*52*".
Copies: B (uncol.), G, L (col.), MICH, NY, Stevenson, U, USDA.

Heft	text	*plates*	dates
1	[i]-x, [1-2, err.], [1]-85	*1-6*	Sep-Dec 1831
2	[1]-30, [iii]-iv, chart, [i, err.]	*7-14*	1832
3	[i-iv], [1]-36	*15-22*	Sep 1834
4	[i], [1]-32	*23-30*	1836
5	[i], [1]-17, [1, cont.]	*31-38*	1836
6	[i-iv], [1]-30	*39-46*	1841
7	[1]-24, [1, cont; 2, err.]	*47-54*	1841
8	[i], [1]-31, [32, err.], [1, cont.]	*55-62*	1843
9	[i], [1]-28, [1, cont.; 2, err.]	*63-70*	1845
10	[1]-28, [1-6, ind.; 1, err.]	*71-76*	1846

Copies vary slightly in position, presence and absence of contents, indexes, errata. – Johann Baptista Zobel(1821-1865) may have been editor of parts 8-10.
Ref.: Zobel, J. B. *in* Corda, Icon. fung. 6: xv, 66. 1854.

Kronfeld, Ernst Moriz (1865-1942), Austro-Hungarian botanist; born at Lemberg (Lwow); editor of the Vienna *Fremdenblatt*. (*Kronf.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 323; BJI 1: 35, 2: 97; BM 2: 1028; CSP 16: 478-479; De Toni 1: lxxii, 2: lxxiii; DTS 1: 161-162; Kew 3: 318; Langman p. 419; LS 14455-14456, 35619-35620, suppl. 14912; MW p. 252; Rehder 5: 475; Tucker 1: 402.
Dolezal, H., Friedrich Welwitsch 104, 108. 1974.
Urban, I., Fl. Bras. 1(1): 182-183. 1906 (orig. biogr. inf.).

COMPOSITE WORKS: (1) EP, *Die natürlichen Pflanzenfamilien*, ed. 1, *Aquifoliaceae*, III. 5: 183-189, *publ.*: Dec 1892. (Nachträge by Loesener, Th., *in* Nachtr. 2-4 (1): 217-221. Oct 1897. (TL-2/1710).
(2) Martius, *Flora brasiliensis*, *Typhaceae*, 3(3): 635-642, *pl. 115*. 15 Apr 1894.

NOTE: Kronfeld's important collection of biographies is at W. K. died at Lemberg (Lwow) on 16 Mar 1942 (inf. H. Riedl).

Krüger, Ernst (1860-1942), German bryologist at Eisenach; high school teacher at Sünnabei Vacha 1880-1897; at Eisenach 1897-1924. (*E. Krüger*).

HERBARIUM and TYPES: JE ("eines der schönsten und saubersten Moosherbarien, die ich kenne . . ." K. Mägdefrau in litt.). – We are grateful to Prof. Mägdefrau for drawing our attention to Krüger and his *Moosflora*.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 323; BFM 3238; LS suppl. 14923-14924.
Mägdefrau, K., Hercynia 3(7/8): 345. 1944 (intr. to K's *Moosflora*).

3961. Die Moosflora der Umgebung von Eisenach, *Hercynia* 3(7/8): 345-413. 1944.
Publ.: 1944; posthumously published by Karl Mägdefrau. *Copy*: FAS (reprint with original pagination and portrait of Krüger).

Krüger, Marcus Salomonides (*fl. 1841*), German bibliographer. (*M. Krüger*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 2: 1030; Jackson p. 2; Kew 3: 318; PR 4902 (ed. 1: 5426-5427); Rehder 5: 475; SO 849a, 3654; Tucker 1: 402.

EPONYMY: *Kruegera* W. Heering 1906 is dedicated to Wilhelm Krueger (1857-x), German phytopathologist.

3962. *Bibliographia botanica*. Handbuch der botanischen Literatur in systematischer Ordnung nebst kurzen biographischen Notizen über die botanischen Schriftsteller. Zum Gebrauche für Freunde und Lehrer der Pflanzenkunde . . . Berlin (Haude und Spenersche Buchhandlung (S. J. Joseephy.)) 1841. Oct. (*Bibl. bot.*).
Publ.: Feb-Apr 1841 (p. iv: Feb 1841; announcement in Flora 1841: before Ostermesse), p. [i]-vi, [1]-464. *Copies*: G, MO, NY, U; IDC 6496. – Systematically arranged. Based mainly on the holdings of the Berlin libraries at the time.

Krug, Carl Wilhelm Leopold (1833-1898), German botanist, businessman and consular official; in Puerto Rico 1857-1876; later working with I. Urban on a flora of the West Indies. (*Krug*).

HERBARIUM and TYPES: B; duplicates, C, CORD, G, L, SI. (Berlin received the West Indian Krug und Urban collections from 1891 onward). For his manuscript Flora portoricensis and Catalogus plantarum omnium Indiae orientalis e.a. see Urban 1898, (no longer extant).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 308; Barnhart 2: 323; BJI 1: 35; Bossert p. 221;

CSP 16: 487; DTS 1: 162, 6(4): 165; Hortus 3: 1197 ("Krug"); IH 2: 390; NAF 28B(2): 441, ser. 2. 7: 41; TL-2/1: 289, see index.
Anon., Bot. Not. 1899: 48.
Schumann, K. M., Verh. bot. Ver. Brandenburg 40: cvi-cix. 1898.
Urban, I., Ber. deut. bot. Ges. 16: (23)-(37). 1898 (bibl., portr., many original details on collections, publications and manuscripts); Symb. ant. 1: 89-90. 1898, 3: 69-70. 1902.
Wittrock, V. B., Acta Horti Berg. 3(3): 140. 1905.

EPONYMY: *Krugella* Pierre (1891); *Krugia* Urban (1893); *Krugiodendron* Urban (1902).

Krukoff, Boris Alexander (1898-x), Russian-born American botanical explorer; honorary curator of economic botany at NY 1941-1950, honorary curator 1971-x. (*Krukoff*).

HERBARIUM and TYPES: NY. – Duplicates see IH.
Ref.: Anon., Trop. Woods 65: 31-35. 1941 (wood samples; itin.).
Hepper, F. N. and F. Neate, Plant coll. West Africa 46. 1971 (coll. Ivory Coast and Ghana at FHO, K, MO, NY, UC).
Prance, G., Acta amaz. 1(1): 43. 1971 (itin. Amaz.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 323; Bossert p. 221; IH 2: 390; Kew 3: 319-320; Langman p. 419; Lenley p. 254; MW suppl. p. 183; SK 1: 301-302.
Anon., J. New York Bot. Gard. 1940: 199.
Merrill, E. D., Contr. U. S. natl. Herb. 30(1): 108. 1947.
Rickett, H. W., Index Bull. Torrey bot. Club 56. 1955.

EPONYMY: *Borismene* R. C. Barneby (1972); *Krukoviella* [sic] A. C. Smith (1939).

Kruse, Friedrich (x-1890), German botanist; professor at the K. Wilhelms-Gymnasium in Berlin. (*Kruse*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 323; BM 2: 1031; CSP 8: 130; Jackson p. 62; Tucker 1: 402.

Volkens, Verh. bot. Ver. Brandenburg 51: (81). 1910.

3963. *Botanisches Taschenbuch* enthaltend die in Deutschland, Deutsch-Österreich und der Schweiz wild wachsenden und im Freien kultivierten Gefässpflanzen dem natürlichen System einheitlich geordnet und auf Grund desselbem zum Bestimmen eingerichtet ... Berlin (Verlag von Hermann Paetel) 1887. Oct. (*Bot. Taschenb.*).
Publ.: Apr 1887 (p. iv: 4 Apr 1887; "vor Kurzem", Bot. Zeit. 4 Mai 1888; Nat. Nov. Mai(1, 2) 1887; Flora 1 Jun 1869), p. [i]-xviii, [1]-469. *Copy*: NY.
Ref.: Hieronymus, G. H. E. W., Bot. Zeit. 45: 507-508. 5 Aug 1887 (rev.).

Kuckuck, Ernst Herman Paul (1866-1918), German algologist; Dr. phil. Kiel 1891; with Reinke at Kiel 1888-1892; at the Helgoland biological station 1892-1914; from 1914-1918 at Berlin as a guest at the Dahlem Botanical Museum. (*Kuck.*).

HERBARIUM and TYPES: B, (mostly destroyed) KIEL and Biol. Anstalt Helgoland. Some duplicates at C and HBG. Kuckuck laid the foundation for the now destroyed herbarium at Helgoland.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 324; BJI 2: 98; BM 2: 1031; CSP 16: 492; De Toni 4: xxxiv; IH 2: 392; Kew 3: 322-323; Moebius p. 87, 88, 89, 90; MW p. 253; Urban-Berl. p. 266.
Anon., Bot. Not. 1918: 259; Magy bot. Lap. 17: 116. 1918; Nuova Notarisia 30: 102. 1919; Österr. bot. Z. 17: 248. 1918.
Beck, G., Vegetationsverh. Illyr. Länder 37. 1901 (Veg. Erde 4).
Koster, J., Taxon 18: 554. 1969 (herb. alg.).

Kuckuck, E. H. A., Verh. zool.-bot. Ges. Wien 47: 47-54. 1897 (on Helgoland station).
Pilger, R. K. F., Ber. deut. bot. Ges. 36: (63)-(70). 1919 (bibl.).
Sauvageau, C., Remarques sur les Spacelariacées viii. 1900-1904.
Wittrock, V. B., Acta Horti Berg. 3(2): 133. 1903, 3(3): 140. 1905 ("Ernst Paul Albert").

COMPOSITE WORKS: (1) W. Nienburg, editor; Kuckuck, P., *Fragmente einer Monographie der Phaeosporeen*, Wiss. Meeresunters. ser. 2. Abt. Helgoland 17(4): 1-93. 1929 (rev. O. C. Schmidt, Bot. Jahrb. 64(Lit.): 6-8. 1931). For a further continuation of the posthumous publication of Kuckuck's studies on *Ectocarpus* and allied genera, see the "*Ectocarpaceen-Studien*" listed below under the 1891 *Beiträge* (3964).
(2) With J. F. Reinke and F. Schütt, *Atlas deutscher Meeresalgen*; see under Reinke.

EPONYMY: *Kuckuckia* G. Hamel (1939).

3964. Aus dem Botanischen Institut der Universität Kiel. *Beiträge zur Kenntniss einiger Ectocarpus-Arten der Kieler Föhrde.* Inaugural-Dissertation zur Erlangung der Doctorswürde der philosophischen Fakultät der Christian-Albrechts-Universität zu Kiel vorgelegt von Paul Kuckuck aus Petricken i. Ostpr. . . . Cassel (Druck von Gebr. Gotthelft) [1891]. Oct. (*Beitr. Kenntn. Ectocarpus.*).
Publ.: 7 Oct-4 Nov 1891 (in journal; repr. Nat. Nov. Dec(2) 1892), p. [1]-40, [1, curr. vitae, 2, theses], *figs. 1-6. Copies*: FH, USDA. – Reprinted from Bot. Centralbl. 48: 1-6 (7 Oct), 33-41 (14 Oct), 65-71 (21 Oct), 97-104 (28 Oct), 129-141 (4 Nov) 1891. – K. later continued his "*Ectocarpaceen-Studien*" but left them unfinished upon his death. P. Kornmann published these studies in the Helgol. wiss. Meeresunters. 4: 316-352. 1954, 5: 103-117. 1955, 5: 119-140. 1956, 5: 292-325. 1958, 6: 171-192. 1960, 7: 93-113. 1961, 8: 119-152. 1963, 8: 361-362. 1964 and a ninth part, p. 1-23 (217-239), Hamburg, seen only in reprint. For Kuckuck's studies of the Kützing types of *Ectocarpus* see Prud'homme van Reine and den Hartog, Taxon 22(1): 93-96. 1973.

3965. *Der Strandwanderer* die wichtigsten Strandpflanzen, Meeresalgen und Seetiere der Nord- und Ostzee . . . München (J. F. Lehmanns Verlag) 1905. Qu. (*Strandwanderer*).

Ed. 1: 1905 (Bot. Zeit. 1 Sep 1905), p. [1]-76, *pl. 1-24* (chromoliths. of watercolours by J. Braune). *Copies*: B, NY.
Ed. 2: 1913 (n.v.).
Ed. 3: Jul-Dec 1922 (p. 4: Jul 1922), p. [1-95, *pl. 1-32* (the 24 original plates by Braune and 8 uncol. plates of birds). *Copy*: FH. – München (id.).
Ed. 5: Nov 1933 (n.v.), bearbeitet von A. Hagmeier. – München.

Kudô, Yûshun (1887-1932), Japanese botanist; at Hokkaido University with Miyabe; later at Taihoku Imperial University. (*Kudô*).

HERBARIUM and TYPES: Material at A, MO and SAP.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 324; BJI 2: 98; Hirsch p. 163; Hortus 3: 1197 (Kudo"); IH 2: 393; Kew 3: 323; MW p. 253-254, suppl. p. 184-185; Zander ed. 10, p. 681.
Hibino, S., Trans. Nat. Hist. Soc. Formosa 22 (no. 123): 399-405. 1932 (portr., bibl.).
Masamune, G., Bot. Mag., Tokyo 46: 439-441. 1932 (portr., bibl.).
Miyabe, K., Trans. Sapporo nat. Hist. Soc. 12(2-3), 1932 (Japanese; n.v.).

COMPOSITE WORKS: with K. Miyabe (q.v.), *Flora of Hokkaido and Saghalien*, vol. 1, 1930-1934, preceded by *Materials for a flora of Hokkaido*, 11 parts, 1913-1924.

EPONYMY: (genera): *Kudoa* Masamune (1930); *Kudoacanthus* Hosokawa (1933); (journal): *Kudoa*. Taihoku (= Taipei, Taiwan). Vol. 1-5. 1933-1937.

Kühn, Julius Gotthelf (1825-1910), German phytopathologist at Halle, Preussischer Geheimer Ober-Regierungsrat. (*Kühn*).

HERBARIUM and TYPES: Some material at PAV. – S. Rauschert, to whom we are grateful for

much information on Kühn, informs us that there is no material at HAL. The "Julius-Kühn-Sammlung" at Halle (Saale) is mainly zoological. Lectotypes for Kühn's names of plants will have to be chosen mainly from the Rabenhorst exsiccatae.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 143, 317; Barnhart 2: 325; BM 2: 1031-1032; CSP 3: 768, 10: 472, 12: 132-133, 12: 416-417, 16: 495; De Toni 1: lxii; GR p. 24-25, 101-102, cat. p. 66; Jackson p. 158, 167, 169; Kew 3: 324; LS 14506-14579, 35659-35667; NAF 7(15): 1074; PR 4906; Stevenson p. 1248.

Anon., Bot. Not. 1910: 157; Kühn-Archiv 50: 47-54. 1938; Österr. bot. Z. 60: 367. 1910.
Bettelheim, A., ed., Biogr. Jahrb. deut. Nekrol. 15: 52*-53*. 1913 (many biogr. refs.).
Bode, Kühn-Archiv 3: 117-127. 1913 (fide S. Rauschert).
Dittrich, Z. Agrargesch. Agrarsoziol. 10: 61-71. 1962 (fide S. Rauschert).
Ewan, J. et al., Short hist. bot. U.S. 82. 1969.
Holdefleiss, P., *in* Mitteldeut. Lebensbilder 2: 353-360. 1927 (fide S. Rauschert).
Klinkowski, Kühn-Archiv 74: 13-18. 1960.
Könnecke, Kühn-Archiv 74: 1-12. 1960.
L., Magy. bot. Lapok 9: 413. 1910.
Morgen, H., *in* M. Kühner und H. Morgen, Pflügende Hand-Forschender Geist. Berlin 1934, p. 94-100.
Müller, Landw. Wochenschr. Sachsen 7(43): 355-358. 1905 (portr.).
Pax, F., Schlesiens Pflanzenwelt 17. 1915.
Schwabe, H., *in* 100 Jahre landw. Inst. Halle 1963, 19-84; Philos. method. Grundfragen Wiss. Univ. Gesch., Diss. Halle, Saale, 1968, 2 vols., 256, 80 p.
Wittrock, V. B., Acta Horti Berg. 3(3): 141. 1905.
Wohltmann, Kühn Arch. 1(1): iii-vi. 1911.

FESTSCHRIFT: (1) *Festschrift zum siebzigsten Geburtstage von Julius Kühn* . . . Berlin (Paul Parey), 1895, 329 p., (portr.).
(2) Wohltmann, F. und Holdefleiss, P., *Julius Kühn, sein Leben und Wirken.* Festschrift zum 80. Geburtstag. Berlin 1905, 56 p. (portr.); see also Kühn-Nummer, Illustr. landw. Zeit., Berlin, 21 Oct 1905.

EPONYMY (genus): *Kuehneola* Magnus (1898); (journal): *Kühn-Archiv.* Arbeiten aus dem Landwirtschaftlichen Institut der Universität Halle. Berlin: Vol. 1-x. 1911-x. – *Note*: *Kuehniella* G. F. Orr (1976) is dedicated to the mycologist H. H. Kühn (*fl.* 1959-1964).

Kühner, Robert (1904-x), French mycologist; Dr. sci. nat. Paris 1926; high school teacher at Lille (1921-1932); botanical assistant, Fac. Sci. Alger and Paris (1932-1934); lecturer, later professor, at the Fac. Sci. Lyon (1938). (*Kühner*).

HERBARIUM and TYPES: Some material at MICH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 326 (Kuhner); IH 2: 394; Kew 3: 324-325; LS suppl. 15107-15118; Stevenson p. 1248.

Kühner, R., Titres et travaux scientifiques de R. Kühner, professeur à la Faculté des Sciences de Lyon. 1946 (privately published to obtain election to the Académie des Sciences) (bibl.).

FESTSCHRIFT: Boidin, J. et al., *Travaux mycologiques dédiés à R. Kühner.* Numéro spécial du Bulletin de la Société linnéenne de Lyon, 43e année, février 1974, (biogr. on p. 9-13; portr.).

EPONYMY: *Kuehneromyces* R. Singer & A. H. Smith (1946); *Kuhneria* [sic] P. A. Dangeard (1932).

3966. Thèses présentées à la Faculté des sciences de l'Université de Paris pour obtenir le grade de docteur ès sciences naturelles par Robert Kühner. Ire Thèse: *Contribution à l'étude des Hyménomycètes et spécialement des Agaricacés* . . . soutenues le [15 Mai, stamped] 1926 . . . Paris (Jouve & Cie, éditeurs . . .) 1926. Oct. (*Contr. Hyménomyc.*)
Publ.: 15 Mai 1926 (date promotion; printer's mark p. 224: Mai 1926), p. [1]-224, *pl. 1-4.*
Copy: FH.

3967. *Le genre Galera* (Fries) Quélet . . . Paris (Paul Lechevalier . . .) 1935. Oct. (*Galera*).
Publ.: Nov-Dec 1935 (printed 30 Oct 1935), p. [i-iii], [1]-240, [241, impr.]. *Copies*: Stevenson, U, USDA.

3968. *Le genre Mycena* (Fries) Étude cytologique et systématique des espèces d'Europe et d'Amérique du Nord . . . Paris (Paul Lechevalier, . . .) 1938. Oct. (*Mycena*).
Preface: René Charles Joseph Ernest Maire (1878-1949).
Publ.: 1938 (p. 3: 15 Jul 1937, p. 11: 20 Jul 1937; Nat. Nov. Mai 1939), p. [i-iv], [1]-710, *pl. 1-16. Copies*: Stevenson, U, USDA.

Kükenthal, Georg (1864-1955), German clergyman and botanist at Grub a. F. and, from 1919, Coburg; ordained Coburg 1885; Dr. phil. h.c. Breslau 1913; long-time associate for Cyperaceae of Engler and the Botanical Museum, Berlin-Dahlem. (*Kükenth.*).

HERBARIUM and TYPES: B; further material at BR, C, E, GB, H, LE, MOD. – The original *Carex* herbarium was presented to B before 1940 and is destroyed. However, his general herbarium and the collections privately kept, came to B in 1944, including his important collections of Cyperaceae (excl. Carex) and Rubus.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 73, 12(3): 201; Barnhart 2: 325; BFM 871; BJI 1: 35, 2: 98; Bossert p. 222; CSP 16: 496; DTS 1: 162, 6(4): 165; IH 2: 394; Kew 3: 326; KR p. 360; Langman p. 420; MW p. 254, suppl. p. 185; NW p. 50; PFC 2(2): xxii; Rehder 5: 476; TL-2/1: 1713; Zander ed. 10, p. 681.
Anon., Bol. Soc. Argent. Bot. 7(1): 53. 1957; Bull. Geogr. bot. 23: 2-4. 1913 (portr., bibl.); Generalregister Bot. Not. 1839-1938: 103-104. 1939.
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COMPOSITE WORKS: (1) Engler, *Pflanzenreich*, *Cyperaceae*, Heft 38, *publ.*: 18 Mai 1909; 101(1), *publ.*: 26 Nov 1935; 101(2), *publ.*: 18 Feb 1936; 101(3), *publ.*: 28 Apr 1936; 101(4), *publ.*: 24 Nov 1936 (TL-2/1713).
(2) With A. Brückner, F. Ruppert, A. Siegel and H. Schack, *Zwischen Main und Werra*, Flora der Gefässpflanzen von Coburg und Umgegend, Coburg 1925, see under H. Schack.

HANDWRITING: Willdenovia 2(3): 364. 1960; Rec. Auckland Inst. Mus. 12: 117, 118. 1975.

EPONYMY: *Kuekenthalia* Börner (1913).

Kützing, Friedrich Traugott (Kuetzing) (1807-1893), German algologist; Dr. phil. Marburg 1837; teacher at Nordhausen (1835-1883). (*Kütz.*)

HERBARIUM and TYPES: General herbarium of algae: L (29.247 specimens acquired by Suringar in 1872, since 1934 at L), B (algae herbarium of the years 1872-1893, acquired in 1894, 6461 specimens, no types, now destroyed). Type collections of diatoms in AWH and BM. Several series of exsiccatae in many herbaria e.g.: *Algarum aquae dulcis Germaniae* [Germanicarum], dec. i-xvi, Halle 1833-1836, nos. 1-160. Sets see IH (with text; see 3969). The types of taxa described by Kützing from the Sonder herbarium are at MEL. Kützing's library was dispersed by sale. Copies of the plates of the *Phycologia generalis* with notes and drawings by K. at FH.

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Kützing, F. T., Die Naturwissenschaften in der Schule als Beförderer des christlichen Humanismus. Nordhausen 1850; Bot. Zeit. 46: 32. 1888 (thanks for Kützing medal sent on his 80th birthday).
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HANDWRITING: Müller, W. & Zaunick, Friedrich Traugott Kützing 1807-1893, Leipzig 1960, p. 85.

MEDAL: Struck 1887: "Ad algas profectus est, laurum deportavit" commemorating 80th birthday (8 Dec 1887).

EPONYMY: *Kuetzingia* Sonder (1845); *Kuetzingina* O. Kuntze (1898); *Kuetzingiella* P. Kornmann (1956); *Protokuetzingia* Falkenberg (1897).

3969. *Algarum aquae dulcis germanicarum* collegit Fridericus Traugott Kützing ... Halis Saxonum (in commissis C. A. Schwetschkii et fil.) 1833-1836, 16 decades of exsiccatae with accompanying text. Oct. (*Alg. aq. dulc. germ.*).

Decades	numbers	dates	notes in *Flora*
1-2	1-20	Jan-Feb 1833	16: 144. 7 Mar 1833
3-4	21-40	1833, prob. Apr-Mai	id. (ann.)
5-6	41-60	Sep-Oct 1833	16: 691-701. 28 Nov 1833
7-10	61-100	Jan-Nov 1834	17: 710-719. 7 Dec 1834
11-12	101-120	1834, late	
13-16	121-160	Feb 1836	19(Intell. 1): 16. 1836

Complete *copies* e.g. at AWH, B, BM, C, FH(2), G, HAL, L, LD, LG, NY, PC, S. Small octavo paper-bound booklets, with a title-page and 1-2 pages of text; the specimens one to a page. See also Lagerstedt (1884), cited above.
Ref.: Kützing, F. T., Linnaea 8: 74. 1833.
Kützing, F. T., Flora 17 (Intell. Bl.) 1: 10-12. 1834.
Lagerstedt, N. G. W., Öfv. Sv. Akad. Forh. 1884: 29-64 (Diat.).
Sayre, G., Mem. New York Bot. Gard. 19: 84. 1969.

3970. *Synopsis diatomearum* oder Versuch einer systematischen Zusammenstellung der Diatomeen ... Halle (In Commission bei Schwetschke und Sohn) 1834. Oct. (*Syn. diatom.*)
Publ.: Jan-Mai 1834 (in journal), p. [1], [1]-92, *pl. 17*. *Copy*: FH; also at HAL (n.v.) and IDC 7142. – Reprinted from Linnaea 8: 529-629. Jan-Mai 1834; the reprint was received by Hinrichs at Leipzig between 31 Aug-6 Sep 1834.
Ref.: Anon., Lit. Ber. Flora 4: 144. 21 Jan 1834, 209-215. 21 Dec 1834.

3971. *Ueber die Polypières calcifères des Lamouroux* ... (aus dem Programm der Realschule zu Nordhausen vom 2. April 1841 besonders abgedruckt). Nordhausen und Leipzig (Bei B. G. H. Schmidt) 1841. Qu. (*Polyp. calcif. Lamour.*)
Publ.: Shortly before 2 Apr 1841 (in school program), p. [1]-33. *Copy*: NY (reprint with special t.p.). – Reprinted from the original program (copy at FH): "Zu der offentlichen Prüfung sämmtlicher Classen der Realschule zu Nordhausen, welche den 2. April 1841 veranstaltet werden soll, ... Nordhausen (gedruckt bei Friedrich Thiele) [1841], p. [1]-47, of which Kützing paper on [3]-34.

3972. *Die Umwandlung niederer Algen-Formen* in höhere, so wie auch in Gattungen ganz verschiedener Familien und Klassen höherer Cryptogamen mit zelligen Bau, von F. T. Kützing, ... nebst Bemerkungen ueber den dermaligen Stand der Untersuchung von dem Befruchtungs-Werke der phanerogamischen Pflanzen, von C. J. Ph. von Martius, ... Haarlem (bei der Witwe A. Loosjes, Pz.) 1841. Qu. (*Umwandl. Alg.-Form.*).
Co-author (second paper): Carl Friedrich Philipp von Martius (1794-1868).
Publ.: 1841 (p. iv: 1 Mai 1841), p. [i]-viii, [1, ded.], [ix]-xxiv, [1]-131, *pl. A-I, K-S* (partly col. liths. by author). *Copy*: MO. – Natuurk. Verh. Holl. Maatsch. Wet. verz. 2, deel 1.

3973. *Phycologia generalis* oder Anatomie, Physiologie und Systemkunde der Tange ... Mit 80 farbig gedruckten Tafeln, gezeichnet und gravirt vom Verfasser. Leipzig ((F. A. Brockhaus) 1843. Qu. (*Phycol. general.*)
Publ.: 14-16 Sep 1843 (TL-1/613), p. [i]-xxxii, [1]-142, [part 2:] 143-458, [1, err.], *pl. 1-80*, dated colour-printed plates by author (Sep 1841-Jul 1842). *Copies*: B, G, MO, NY; IDC 602.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 2: 63-67, 80-84, 94-99, 118-121. 1844.

3974. *Über die Verwandlung der Infusorien in niedere Algenformen* .. Nordhausen (Verlag von W. Köhne) 1844. Qu. (*Verwandl. Infus.*)
Publ.: before Oct 1844 (p. vii: 6 Aug 1844; Flora rd. Oct 1844), p. [i]-vii, [1]-24, *1 pl. Copies*: AMD, B, USDA. – One coloured lithograph by the author, dated 2 Aug 1844. – Continuation of the *Umwandlung*, above (3972). Dedicated to the school inspector Alfred Graffunder (1801-1875).

3975. *Die kieselschaligen Bacillarien* oder Diatomeen ... (Mit 30 vom Verfasser gravirten Tafeln.). Nordhausen (Zu finden bei W. Köhne) 1844. Qu. (*Kieselschal. Bacill.*).
Publ.: 7-9 Nov 1844 (TL-1/614), p. [i-vii], [1]-152, *pl. 1-30*, plain, all dated (*pl. 1*: 1 Sep 1843, *pl. 30*: 10 Mai 1844). *Copies*: G, NY.
Reissue: Nordhausen (Verlag von Ferd. Förstemann) 1865, "Zweiter Abdruck", p. [i-v], [1]-152, *pl. 1-30*, id. *Copies*: B, G, MO, US.
Ref.: Anon., Flora 27: 762-766. 28 Nov 1844.
Schlechtendal, D. F. L. von, Bot. Zeit. 3: 40-42. 17 Jan 1845.
Kützing, F. T., Ann. Mag. nat. Hist. 15: 185. 1845 (extr.).

3976. *Die Sophisten und Dialektiker*, die gefärlichsten Feinde der Wissenschaftlichen Botanik. (Zugleich als Erwiderung auf eine Note in "Schelling's und Hegel's Verhältniss zur Naturwissenschaft." Von Dr. M. J. Schleiden, Prof. zu Jena.) von Dr. F. T. Kützing, ... Nordhausen (Verlag von Ferd. Förstemann) 1844. Oct. (*Soph. Dialekt.*)
Publ.: 1844, 21 p. *Copy*: WU (Information W. Gutermann); other copy e.g. at HAL (n.v.). – Answer to Schleiden's polemic attack in Schelling's und Hegel's Verhältniss zur Naturwissenschaft, Leipzig 1844, p. 79-81.

3977. *Phycologia germanica*, d.i. Deutschlands Algen in bündigen Beschreibungen. Nebst einer Anleitung zum Untersuchen und Bestimmen dieser Gewächse für Anfänger ... Nordhausen (Zu finden bei Wilh. Köhne) 1845. Oct. (*Phycol. germ.*).
Publ.: 14-16 Aug 1845 (p. viii: 1 Mai 1845; Bot. Zeit. 5 Sep 1845; Gersdorf 19 Sep 1845; Hinrichs 14-16 Aug 1945; dedication 1 Mai 1845), p. [i]-x, [1]-340 ("240"). *Copies*: FH (author's copy on proof sheets with annotations), G, MICH, MO, NY, U, USDA.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 3: 603-604. 1845.

3978. *Tabulae phycologicae* oder Abbildungen der Tange. Nordhausen (gedruckt auf Kosten des Verfassers (In Commission bei Wilhelm Köhne)) 1846-1857, 19 vols. Qu. (*Tab. phycol.*).
Publ.: In nineteen volumes of 100 plates each; all lithographs drawn by the author. The first two volumes were issued in fascicles of 10-50 plates; from vol. 3 (1853) onward all parts were half-volumes with 50 plates each. In volume 1-7 almost each tenth plate is dated, from vol. 8 onward, all plates are dated. These dates are *not* dates of publication; the respective parts were published at a somewhat later date than the one appearing on the last plate. There were two "editions," one with coloured plates (coloured by Kützing himself, sold at 2 Thlr per 10 plates), the other with plain plates (1 Thlr/10 plates). These prices were high even at the time of publication and relatively few copies were sold. The book is very rare.

vol./part	pages	*plates*	last dates on plates	approximate dates of publ.
1(1)	1-8	*1-10*	29 Sep 1845	Jan 1846 (cover)
(2)	9-26	*11-20*	4 Jul 1846	17-21 Nov 1846
(3)-(5)	27-36	*21-50*	29 Mai 1847	25-28 Aug 1847
(6-10)	37-54	*51-100*	30 Aug 1849	Nov-Dec 1849
2(11-3)	1-8	*1-30*	*5 Jun 1850*	*2 Sep 1850*
(4-5)	9-16	*31-50*	20 Jun 1851	13-16 Aug 1851
(6-10)	17-37	*51-100*	8 Jul 1852	Sep 1852
3(1)	1-	*1-50*	15 Feb 1853	1853
(2)	-28	*51-100*	10 Apr 1853	1853
4(1)	1-	*1-50*	31 Dec 1853	Jun 1854
(2)	-23	*51-100*	7 Mar	Jul-Dec 1854
5(1)	1-	*1-50*	11 Aug 1854	
(2)	-30	*51-100*	3 Oct 1854	Jan-Aug 1855
6(1)	1-	*1-50*	12 Jul 1855	
(2)	-35	*51-100*	19 Aug 1855	Jan-Mar 1856
7(1)	1-	*1-50*	1 Aug 1856	
(2)	-40	*51-100*	1 Oct 1856	Jan-Mar 1857
8(1)	1-	*1-50*	28 Jul 1857	
(2)	-48	*51-100*	23 Sep 1857	Jan-Mar 1858

vol./part	pages	*plates*	last dates on plates	approximate dates of publ.
9(1)	1-	*1-50*	1 Aug 1858	
(2)	-42	*51-100*	7 Oct 1858	1 Jan-9 Mar 1859
10(1)	1-	*1-50*	18 Aug 1859	
(2)	-39	*51-100*	9 Oct 1859	Jan-Feb 1860
11(1)	1-	*1-50*	30 Jul 1860	
(2)	-32	*51-100*	3 Oct 1860	Jan-Feb 1861
12(1)	1-	*1-50*	29 Jun 1861	
(2)	-30	*51-100*	12 Sep 1861	Jan-Mar 1862
13(1)	1-	*1-50*	23 Aug 1862	Jan-Feb 1863
(2)	-31	*51-100*	12 Nov 1862	Jan-Oct 1863
14(1)	1-	*1-50*	9 Jul 1863	Jan-Feb 1864
(2)	-35	*51-100*	12 Sep 1863	Jan-Oct 1864
15(1)	1-	*1-50*	14 Jul 1864	Jan-Feb 1865
(2)	-36	*51-100*	4 Oct 1864	Jan-Sep 1865
16(1)	1-	*1-50*	13 Jul 1865	Mar 1866
(2)	-35	*51-100*	29 Sep 1865	Aug-Sep 1866
17(1)	1-	*1-50*	10 Jul 1866	Mar-Mai 1867
(2)	-30	*51-100*	1 Oct 1866	Jan-Oct 1867
18(1)	1-	*1-50*	4 Aug 1867	Mar-Jul 1868
(2)	-35	*51-100*	3 Oct 1867	Jan-Nov 1868
19(1)	1-	*1-50*	22 Jul 1868	Jan-Mai 1869
(2)	-36	*51-100*	10 Jun 1869	Oct-Dec 1869
Index	1-57			1871

The preface pages were presumably issued with the second half volume between 1853 and 1863 and in 1869; with the first half volume 1863-1868.

1: 1845-1849, p. [i], [iii], [v]-vi, [1]-54, *pl. 1-100*. Imprint as above.
2: 1850-1852, p. [i], [iii], [v], [1]-37, *pl. 1-100*. Id.
3: 1853, p. [i], [iii], [1]-28, *pl. 1-100*. Id.
4: 1854, p. [i*], [iii*], [i]-xvi, [1]-23, *pl. 1-100*. Id.
5: 1855, p. [i*], [iii*], [i]-ii, [1]-30, *pl. 1-100*. Id.
6: 1856, p. [i*], [iii*], [i]-iv, [1]-35, *pl. 1-100*. Id.
7: 1857, p. [i*], [iii*], [i]-[iii], [1]-40, *pl. 1-100*. Nordhausen, gedruckt auf Kosten des Verfassers (In Commission bei Ludwig Klincksieck, vormals W. Köhne.).
8: 1858, p. [i*], [iii*], [i]-ii, [1]-48, *pl. 1-100*. Id. [Imprint as in vol. 7].
9: 1859, p. [i*], [i], [iii]-viii, [1]-42, *pl. 1-100*. Id.
10: 1860, p. [i*], [i], [iii]-iv, [1]-39, *pl. 1-100*. Nordhausen, gedruckt auf Kosten des Verfassers. Pages 36-39 contain an *index* to vols. 1-10.
11: 1861, p. [i], [iii], [v], [1]-32, *pl. 1-100*. Nordhausen, . . . Verfassers. (In Commission bei Ferd. Förstemann's Verlag).
12: 1862, p. [i], [iii]-iv, [1]-30, *pl. 1-100*. Nordhausen, . . . Verfassers.
13: 1863, p. [i], [ii], [v], [1]-31, *pl. 1-100*. Id.
14: 1864, p. [i], [iii], [v], [1]-35, *pl. 1-100*. Id.
15: 1865, p. [i], [iii], [v], [1]-36, *pl. 1-100*. Id.
16: 1866, p. [i], [iii], [v], [1]-35, *pl. 1-100*. Id.
17: 1867, p. [i], [iii], [v], [1]-30, *pl. 1-100*. Id.
18: 1868, p. [i], [iii], [1]-35, *pl. 1-100*. Id.
19: 1869, p. [i], [iii]-iv, [1]-36, *pl. 1-100*. Id.
Index: 1871 (p. 3: 15 Mai 1871), p. [1]-57.
Copies: G, U, US (incomplete but with some orig. covers and letters by Kützing); IDC 762.
Facsimile ed.: FL – 9490 Vaduz (J. Cramer) 1977, ISBN 3-7682-1143-6, Bibliotheca phycologica 32a-d, 4 volumes, *pl.* uncol. 1978. *Copy*: FAS. – See Taxon 27: 111-112. 1978.

3979. *Species algarum* . . . Lipsiae [Leipzig] (F. A. Brockhaus) 1849. Oct. (*Sp. alg.*).
Orig. ed.: 23-24 Jul 1849 (Hinrichs), p. [i]-vi, [1]-922. *Copies*: G, MICH, MO, NY, U, US, USDA; IDC 643.

Facsimile ed.: Amsterdam (A. Asher & Co.) 1969, pagination as above with extra 1969 t.p. *Copy*: FAS.
Index: Balsamo, F., *Index ad F. Traug. Kuetzingii Species algarum*, unicam editionem (1849) perfectus. Neapoli (ex typographia Tornese) 1892, p. [1]-64. *Copy*: FH.
Ref.: Kützing, F. T., Bot. Zeit. 7: 596-600. 17 Aug 1849.
Fürnrohr, A. E., Flora 32: 736. 1849, 33: 66-77. 7 Feb 1850.
Stafleu, F. A., Taxon 19: 630-632. 1970.

3980. *Grundzüge der philosophischen Botanik* . . . Leipzig (F. A. Brockhaus) 1851-1852, 2 vols. Oct. (*Grundz. Bot.*).

1: Aug 1851 (p. xii: Easter 1851; "soeben" Bot. Zeit. 22 Aug 1851; Flora 28 Sep 1851), p. [i]-xx, [1]-336, [1, err.], *pl. 1-18* (uncol. liths. author).
2: Oct 1852 (p. viii: 1 Apr 1852; "soeben" Flora 28 Oct 1852; Bot. Zeit. 19 Nov 1852), p. [i]-xxx, [1]-344, [1, err.], *pl. 19-38* (id.).
Copies: MO, NY.

3981. *Diagnosen und Bemerkungen zu drei und siebenzig neuen Algenspecies.* [Nordhausen 1863]. Qu. (*Diagn. Algensp.*).
Publ.: Mai 1863 (Hedwigia; reprinted ib. 2: 86-95. 1863), p. [1]-19. *Copy*: L. – Reprinted from Burghardt, Zu der öffentlichen Prüfung sämmtlicher Klassen der Realschule zu Nordhausen. Nordhausen 1863 (Easter programm).
Facsimile ed.: Vaals (A. Asher & Co. N.V.) 1970, p. [i], [1]-19. *Copies*: FAS, NY.
Ref.: Anon., Hedwigia 2: 86-92, 93-95. 1863.

3982. *Auf Reisen und Daheim.* Beobachtungen und Untersuchungen über das organische Leben in hohen Wärmegraden . . . Aus dem Programm der Realschule zu Nordhausen. Nordhausen (Druck von J. Pampel) 1869. Qu. (*Auf Reisen*).
Publ.: 1869, p. [1]-16. *Copy*: FH. – We saw only the reprint, not the original publication in the school program. Contains the description of *Mycospongia vaporaria* Kütz. nov. gen. sp.

Kufferath, Hubert (1882-1957), Belgian algologist and bacteriologist; Dr. sci. Bruxelles 1910; from 1904-1920 at the Institut Pasteur du Brabant; from 1920-1947 director of the Institut Meurice-Chimie in Bruxelles. (*Kuff.*).

HERBARIUM and TYPES: Diatoms and possibly other collections at BRLU.
Ref.: Wornardt, W. W., Int. direct. diatom. 34. 1968.
Koster, J. T., Taxon 18: 554. 1969.

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Kuhl, Heinrich (1796-1821), Dutch botanical and zoological explorer in the Netherlands East-Indies; member of the "Natuurwetenschappelijke Commissie". (*Kuhl*).

HERBARIUM and TYPES: BO, L, NBV.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 308; BM 2: 1033; Bossert p. 221; CSP 3: 764; IH 2: 393; JW 2: 195, 3: 358-359, 5: 244; Kew 3: 327; Lasègue p. 347, 494, 506; NI (alph.); SK 1: 303, xxvi, xxxii; TL-2/1: 728.
Greshoff, M., Album der Natur 1903: 1-88.
Sirks, M. J., Ind. natuurond. 299 [index]. 1915.

HANDWRITING: Fl. males. ser. 1. 1: cl. 1950.

EPONYMY: *Kuhlhasseltia* J. J. Smith (1910, also dedicated to Johan Coenraad van Hasselt (1797-1823, q.v.); *Kuhlia* Humboldt, Bonpland & Kunth (1825); *Kuhlia* Reinwardt (1825).

Kuhlmann, João Geraldo (1882-1958), Brazilian botanist and collector at São Paulo. (*Kuhlm.*)

HERBARIUM and TYPES: RB; duplicates in many herbaria. For details on the numbering of K. specimens see Prance (1971).
Ref.: Prance, G., Acta amaz. 1(1): 43. 1971 (itin.)

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 325; IH 2: 393-394; Kew 3: 327.

EPONYMY: *Kuhlmannia* J. C. Gomes fil. (1956); *Kuhlmanniella* Barroso (1945).

Kuhn, Friedrich Adalbert Maximilian ["Max"] (1842-1894), German pteridologist at Berlin; Dr. phil. Berlin 1867; high school teacher at the Königstädtische Realschule (later Gymnasium) from 1870-1893, from 1889 with the title of professor. (*Kuhn*).

HERBARIUM and TYPES: B.

BIBLIOGRAPHY and BIOGRAPHY: ADB 51: 421-422; Barnhart 2: 326; BJI 1: 35; BM 2: 1033; CSP 8: 133, 10: 133, 472, 12: 418, 16: 506; De Toni 1: lxxiii; GR p. 102; Hortus 3: 1197; IF 710-711; IH 2: 394; Jackson p. 346; Kew 3: 328; Moebius p. 359; MW p. 255; PR 4920-4921; TL-2/1: 198, 1705; Urban-Berl. p. 320; Zander ed. 10, p. 681.
Anon., Bot. Not. 1895: 38; Bot. Zeit. 53(2): 14. 1899; Hedwigia 34(Rep.): 39. 1895.
Ascherson, P. F. A., Ber. deut. bot. Ges. 13: (43)-(47). 1896 (bibl.); Verh. bot. Ver. Brandenburg 37: lxiv-lxix. 1896 (bibl.).
Dolezal, H., Friedrich Welwitsch 189. 1974.
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(2) C. C. von der Decken, Baron C. C. von der Decken's *Reisen in Ost-Afrika* in 1859-61, *Cryptogamae vasculares*, in vol.. 3, part 3, p. 7-71. 1879. [Botanik von Ost-Afrika by P. Ascherson et al.].
(3) Engler, *Forschungsr. Gazelle*, *Farne*, p. [1]-20, *pl. i-iii*. 1889; see no. 1705.
(4) *Filices*, *in* Miquel, Ann. Mus. bot. Lugd.-Bat. 4: 267-288. Nov 1869-Feb 1870, 289-300. Mar 1870.

EPONYMY: *Kuhniodes* Post & O. Kuntze (1903) is related to *Kuhnia* Linnaeus (1763), which commemorates Adam Kuhn (1741-1817), American botanist, who studied in Europe (pupil of Linnaeus).

3983. *Filices Deckenianae*. Dissertatio inauguralis botanica quam consensu et auctoritate amplissimi philosophorum ordinis in alma litterarum Universitate Friderica Guilelma ad summos in philosophia honores rite capessendos die viii m. augusti a. mdccclxvii h.l.q.s. publice defendet auctor Maximilianus Kuhn, Berolinensis. Adversarii erunt: P. Ascherson . . . A. Kirchhoff . . . E. Loew. Lipsiae [Leipzig] (typis Breitkopfii & Haertelii) [1867]. Oct. (*Filic. Decken.*).
Publ.: 8 Aug 1867, p. [i-iii], [1]-26, [1, vita; 2, theses]. *Copies*: B, NY; IDC 7208. Note by Barnhart in NY copy: "This dissertation was the last botanical one in Latin at Berlin Univ." The text is also part of the *Filices africanae* (1868) (see 3984).

3984. *Filices africanae* revisio critica omnium hucusque cognitorum cormophytorum Africae indigenorum additamentis Braunianis novisque africanis speciebus ex reliquiis Mettenianis adaucta. Accedunt filices deckenianae et petersianae . . . Lipsiae [Leipzig] (W. Engelmann) 1868. Oct. (*Filic. afr.*).
Publ.: Jan-Mar 1868 (p. 214: Dec 1837; Hedwigia Mar 1868; Flora 9 Jun 1868; Bot. Zeit. 21 Aug 1868), p. [i], [1]-233. *Copies*: MO, U, US; IDC 5210.
Ref.: Milde, J., Hedwigia 7: 41-48. Mar 1868, 57-62. Apr 1868, 76-80. Mai 1868, 83-92. Jun 1868.
Anon., Bull. Soc. bot. France 14(bibl.): 275-276. 1868.

3985. *Filices novarum hebridarum* . . . [Wien (C. Ueberreuter (M. Salzer)) 1869]. Qu. (*Filic. nov. hebrid.*).
Publ.: 1869 (submitted 7 Jul 1869), p. [1]-18. *Copy*: G. – Reprinted from Verh. k.k. zool. bot. Ges. Wien. 1869: [569]-586.

3986. *Beiträge zur Mexicanischen Farnflora* . . . Halle (Druck und Verlag von H. W. Schmidt.) 1869. Qu. (*Beitr. Mexic. Farnfl.*).
Publ.: 1869 (Flora "neu" 20 Aug 1869; Bot. Zeit. 15 Oct 1869), p. [1]-25. *Copy*: G. – Abh. naturf. Ges. Halle 11: 23-47. 1870 (1869).
Ref.: Milde, J., Hedwigia 8(9): 133-136. Sep 1869.

Kummer, Georg (1885-1954), Swiss botanist born at Tayngen near Schaffhausen; studied at Zürich; high school teacher and school inspector at Schaffhausen. (*G. Kumm.*)

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 989, 3200; BL 2: 580, 581, 677; LS suppl. 15190.
Uehlinger et al., Neujahrsbl. naturf. Ges. Schaffhausen 7: iii-xxviii. 1955 (bibl. by Bernhard Kummer; portr.).

3987. *Die Flora des Kantons Schaffhausen* mit Berücksichtigung der Grenzgebiete. [Schaffhausen 1937-1946], 7 Hefte. Oct. (*Fl. Schaffhausen*).
Publ.: 1937-1946, p. [1]-936. *Copy*: G. – Reprinted from Mitt. naturf. Ges. Schaffhausen, vols. 13-21. For further details see BL 2: 580.

Lief	pages reprint	vol. Mitt.	pages Mitt.	*plates*	dates
1	[1]-109	13	49-157	2 pl., 4 maps	1937
2	111-275	15	37-201	*1-6*	1939
3	277-414	17	123-260	*3-12*	1941
4	415-514	18	11-110	*2-10*	1942/3
5	515-644	19	1-130	*1-9*	1944
6	645-784	20	69-208	*5-13*	1945
7	785-936	21	75-195	*12-20*	1946

Ref.: Kummer, G., Die Flora des Rheinfallgebietes, 124 p., [1934]. – See Naturae Novitates 56, Dec 1934, no. 8047.

Kummer, Paul (1834-1912), German clergyman and lichenologist; private teacher 1857-1863; from 1863-1877 curate at Zerbst; from 1877 minister at Hann.-Münden. (*P. Kumm.*)

HERBARIUM and TYPES: Unknown. Exsiccatae: *Der Führer in die Flechtenkunde*, ed. 1, 1874, has 14 dried specimens; ed. 2, 1883, lacks these specimens.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 326; BM 2: 1034; CSP 16: 510; GR p. 25, cat. p. 66; Hirsch p. 164; Jackson p. 568 [index]; Kew 3: 330; LS 14612-14617, 35693; PR 4926; Rehder 5: 477; SBC p. 124 ("Kumm."); Stevenson p. 1248; Tucker 1: 402.
Lütjeharms, W. J., Gesch. Mykol. 221. 1936.
Urban, H., Z. Pilzk. 18: 112-113. 1934.

EPONYMY: *Kummerowia* A. K. Schindler (1912) is dedicated to the Polish scientist Kummerov.

3988. *Der Führer in die Pilzkunde.* Anleitung zum methodischen, leichten und sichern Bestimmen der in Deutschland vorkommenden Pilze, mit Ausnahme der Schimmel- und allzu winzigen Schleim- und Kern-Pilzchen . . . Zerbst (Verlag von C. Luppe's Buchhandlung) 1871. (*Führer Pilzk.*).

Ed. [*1*]: Jul-Aug 1871 (p. iv: Jun 1871; Flora 18 Aug 1871; Bot. Zeit. 6 Oct 1871), p. [i-iv], [1]-146, *4 pl. Copies*: G, Stevenson.

Ed. 2, [*vol. 1*:] Dec 1881 (Nat. Nov. Dec(1) 1881; t.p. 1882; Bot. Zeit. 30 Dec 1881 p. [i-iv], [1]-187, [188, cont.], *pl. 1-4* (uncol. liths.). *Copies*: B(2), Stevenson. – "... mit Ausname der mikroskopischen. Zweite völlig umgearbeitete Auflage .." Zerbst (Verlag von C. Luppe's Hof-Buchhandlung) 1882. Oct.
Ed. 2, vol. 2: 1884 (p. [vi]: 15 Sep 1883; Nat. Nov. Oct(2) 1883; Bot. Zeit. 30 Nov 1883), p. [i-vi], [1]-146, *pl. 1-4* (uncol. liths.). *Copies*: B(3), Stevenson. – "Band ii. Die mikroskopischen Pilze ..." Zerbst (id.) 1884. Oct.
Other issue: "*Der Führer in die mikroskopischen Pilze.* Anleitung ..." Zerbst (Verlag von C. Luppe's Hofbuchhandlung) 1884. Oct. *Publ.*: as orig. issue, p. [i-iv], [1]-146, *pl. 1-4* (id.). *Copy*: Stevenson.
Ref.: Bary, H. A. de, Bot. Zeit. 30: 46-47. 19 Jan 1872.

3989. *Der Führer in die Mooskunde.* Anleitung zum leichten und sicheren Bestimmen der deutschen Moose ... Berlin (Verlag von Julius Springer) 1873. Oct. (*Führer Moosk.*).

Ed. [*1*]: Jan 1873 (p. [iv]: Dec 1872; Bot. Zeit. 14 Feb 1873), p. [i-v], [1]-119, *pl. 1-4* (uncol. liths.). *Copies*: HBG, M.
Ed. 2: Apr 1880 (p. [vi]: 16 Jan 1880; Nat. Nov. Mai(1) 1880; Bot. Zeit. 28 Mai 1880), p. [i-vii], [1]-199, *pl. 1-4* (id.). *Copies*: B(2), BR, M, MICH, NY. – "... Zweite völlig umgearbeitete und vervollständigte Auflage..." Berlin (id.) 1880. Oct.
Ed. 3: Aug-Sep 1891 (p. vi: 16 Jan 1891; Nat. Nov. Sep(2) 1891; Bot. Zeit. 30 Oct 1891), p. [i]-vi, [1, cont.], [1]-216, *pl. 1-4* (id.). *Copies*: B(2), BR, G, NY. – "... Dritte umgearbeitete und vervollständigte Auflage ..." Berlin (id.) 1891. Oct.

3990. *Der Führer in die Flechtenkunde.* Anleitung zum leichten und sicheren Bestimmen der deutschen Flechten von Paul Kummer. Mit 14 angefügten Naturflechten und 22 lithographirten Figuren auf drei Tafeln. Berlin (Verlag von Julius Springer ...) 1874. Oct. (*Führer Flechtenk.*).

Ed. [*1*]: Jan-Feb 1874 (p. iv: 28 Nov 1873; Hedwigia Apr 1874; Bot. Zeit. 27 Feb 1874), p. [i-v], [1]-114, [1, index], 2 pages with 14 herbarium specimens [= *pl. 1-2*], *pl. 3* (uncol. lith.). *Copies*: B, L(3), Stevenson.
Ed. 2: Sep-Oct 1883 (p.[iv]: 22 Aug 1883; Nat. Nov. Nov(1) 1883; Bot. Zeit. 30 Nov 1883), p. [i-iv], [1]-187, *pl. 1-2* (col.), *3* (uncol. lith.). *Copies*: B, L, MICH, Stevenson. – "... Zweite verbesserte und sehr vermehrte Auflage ..." Berlin (id.) 1883. Oct.

3991. *Der Führer in die Lebermoose und die Gefässkryptogamen.* (Schachtelhalme, Bärlappe, Farren, Wurzelfrüchtler) ... Mit 83 Figuren auf 7 lithographirten Tafeln. Berlin (Verlag von Julius Springer ...) 1875. Oct. (*Führer Leberm.*).

Ed. [*1*]: 1875 (p. [iii]: Mar 1875), p. [i-vii], [1]-141, *pl. 1-7* (unsigned uncol. liths.). *Copies*: B(2), G, L, NY.
Ed. 2: Oct 1901 (p. [iii]: 10 Jul 1901; Bot. Zeit. 16 Nov 1901; Nat. Nov. Nov(1) 1901), p. [i-vii], [1]-148, *pl. 1-7* (id.). *Copies*: B, NY. – "... Zweite umgearbeitete Auflage ..." Berlin (id.) 1901. Oct.

Kunow, Gustav (1874-1912), German botanist at Freienwalde a. O. (*Kunow*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 238; CSP 10: 477, 12: 417.
Ascherson, P. F. A., Verh. bot. Ver. Brandenburg 55: (45). 1913.

3992. *Flora von Freienwalde* a. O. und nächster Umgebung ... Freienwalde a. O. (Emil Pilger's Verlag) 1899. Oct (*Fl. Freienwalde*).
Publ.: 1899 (p. [iii]: Mai 1899), p. [i-vi], [1]-354, [i]-xvi. *Copy*: B.

Kunth, Carl Sigismund (1788-1850), German botanist; joined A. v. Humboldt in Paris 1813, to work on his New World collections, from 1829 professor of botany at the University of Berlin. (*Kunth*).

HERBARIUM and TYPES: Kunth's considerable private herbarium (60.000 specimens), containing many of his types, was one of the basic herbaria of the Berlin general herbarium. The Humboldt, Bonpland and Kunth types are mainly at P. Other material at BM, H, K. – Original drawings for the *Mimoses* at Frankfurt, Senckenberg Bibliothek. – Other manuscript material at Institut de France.

Ref.: Anon., Bot. Zeit. 8: 568, 896. 1850 (herb. acquired by B), see also Bot. Not. 1851: 95.
Stearn, W. T., Humboldt, Bonpland, Kunth and tropical American botany. Lehre 1966.
Urban, I., Gesch. Berlin-Dahlem 23, 271, 288, 304, 366. 1916.
Bouteron et Tremble, Cat. gén. manusc. bibl. publ. France, Paris 1928, p. 224 (252 "impressions de plantes" at Inst. de France).

BIBLIOGRAPHY and BIOGRAPHY: ADB 17: 394-397; AG 2(2): 512; Backer p. 308; Barnhart 2: 327; BM 2: 1034-1035; Bossert p. 223; Bret. p. 279; CSP 3: 773-774, 12: 419, 16: 511; Frank 3(Anh.): 54; GR p. 25; Hortus 3: 1197 ("Kunth"); IF 711; IH 2: 396; Jackson p. 568 [index]; Kew 3: 333-334; Langman p. 421-422; LS 14622; MD 170-172; Moebius p. 278; MW p. 278; MW p. 256; NI 1111-1112; PR 4927-4939 (ed. 1: 5450-5464); Rehder 5: 477; RS p. 91, 111; SBC p. 124 ("Kunth"); TL-2/1: 669, 1081; Tucker 1: 402-403; Zander ed. 10, p. 681.

Allan, M., The Hookers of Kew 68. 1967.
Anon., Amer. J. Sci. ser. 2. 28: 138. 1850; Bonplandia 2: 267. 1854 (Cognomen: Recchi); Bot. Zeit. 8: 336. 1850; Flora 33: 623. 1850, 34: 64. 1851 (sale library).
Brown, R., Proc. Linn. Soc. 2: 92-94. 1855.
Candolle, A. P. de, Mém. souvenirs 222. 1862.
Dawson, W. R., Smith papers 61. 1934.
Eckardt, Th., Willdenowia 4(2): 164-165. 1966 (portr.).
Gray, A., Amer. J. Sci. ser. 2. 13: 43. 1852.
Hoffmann et al., Wiss. Z. Humboldt Univ. Berlin, math.-nat. R. 14: 803-804. 1965.
Humboldt, A. von, Flora 34: 330-336. 1851 (from Beilage zum Preussischen Staatsanzeiger, 9 Mai 1851), also in Bot. Zeit. 9: 427-432. 1851.
Huxley, L., Life letters J. D. Hooker 2: 284, 289. 1918.
Jussieu, Adr., Ann. Sci. nat. Bot. ser. 3. 14: 76-106. 1850 (annotated bibl.).
Kunth, C. S., J. Phys. Chim. Hist. nat. 89: 278-284. 1819 (anticricism; answer to Cassini's notes on vol. 4 of the *Nova gen. pl.*, see Humboldt, no. 3143).
Magnus, P., Verh. bot. Ver. Prov. Brandenburg 30: xvi-xix. 1888; S.-B. Ges. naturf. Fr. Berlin 1888: 89-91.
Markgraf, F., Verh. bot. Ver. Brandenburg 75(2): 239-242. 1935 (mss. text by Kunth on an excursion to the Rädersdorfer Kalkbergen, 18 Aug 1811; K's first botanical paper. Data used in *Fl. berol.*).
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 181. 1947.
Schmid, G., Chamisso als Naturforscher 169 [index]. 1942 (many bibl. details).
Stafleu, F. A., Regn. veg. 71: 339 [index]. 1970; *in* Daniels and Stafleu, Taxon 21: 494. 1972 (portr.); *in* Gillispie, DSB, suppl. (in press).
Stearn, W. T., Taxon 5: 153-156. 1956; Humboldt, Bonpland, Kunth and tropical American botany. Lehre 1968, p. 140-142.
Wittrock, V. B., Acta Horti Berg. 3(2): 134. 1903.

HANDWRITING: Candollea 31: 145-146. 1976.

EPONYMY: *Kunthia* Humboldt & Bonpland (1813).

3993. *Flora berolinensis* sive enumeratio vegetabilium circa Berolinum sponte crescentium ... Tomus primus exhibens vegetabilia phaenogama. Berolini [Berlin] (sumptibus Julii Eduardi Hitzig.) 1813. Oct. (*Fl. berol.*).

Publ.: 1813 (p. x: 16 Mar 1813), p. [ii]-x, [1]-282. *Copies*: G, NY, WAG, USDA (preface [ii*], [i]-x). – Vol. 2, cryptogams, never issued. The 1838 Flora berolinensis is an independent work (see no. 4007). Other t.p. (p. [ii]): "Enumeratio vegetabilium phaenogamorum circa Berolinum sponte crescentium."
"Hat nur locale Bedeutung" (AG 2(2): 512).

Ref.: Chamisso, L. A. von, Adnotationes quaedam at Floram berolinensem, 13 p., Berlin 1815.

3994. *Considérations générales sur les Graminées.* [Paris (Chez G. Dufour) 1815]. Qu. (*Consid. géneral. Gramin.*).
Publ.: 1815 (at least before Mar 1816, fide Sherborn), p. [1]-14. *Copy*: G. – Reprinted from Mém. Mus. Hist. nat., Paris, 2: 62-75. 1815.
Ref.: Sherborn, C. D., Ann. Mag. nat. Hist. ser. 8. 13: 367. 1944.

3995. *Considérations générales sur la famille des Cyperacées* [Paris (Chez G. Dufour) 1815]. Qu. (*Consid. général. Cyper.*).
Publ.: 1815 (at least before Mar 1816, fide Sherborn), p. [1]-7. *Copy*: G. – Reprinted from Mém. Mus. Hist. nat., Paris, 2: 147-153. 1815.
Ref.: Sherborn, C. D., Ann. Mag. nat. Hist. ser. 8. 13: 367. 1914.

3996. *Mimoses* et autres plantes légumineuses du Nouveau Continent, recueillies par MM. de Humboldt et Bonpland, décrites et publiées par Charles Sigismund Kunth. Avec figures coloriées. A Paris (A la Librairie greque-latine-allemande, . . .) 1819 [-1824]. Fol. (*Mimoses*).
Publ.: in 14 parts, as partie 6 Botanique [sect. 4] of Humboldt et Bonpland, "*Voyage aux régions équinoxiales* du Nouveau Continent, fait en 1799-1804," (see nos. 3131-3143), p. [i-ix], [1]-233, *pl. 1-60* (hand-coloured copper engravings drawings by Pierre Jean François Turpin, 1775-1840). *Copies*: BR, NY, U; IDC 5991.

part	pages	*plates*	dates
1	1-4	*1, 11, 36, 43, 50*	7 Jun 1819
2	5-16	*2, 3, 4, 5, 6*	20 Sep 1819
3	17-28	*8, 10, 19, 33, 34*	20 Dec 1819
4	29-40	*7, 9, 12, 17, 18*	Apr 1820
5	41-52	*13, 14, 15, 16, 20*	31 Jul 1820
6	53-72	*21, 22, 24, 27, 29*	27 Nov 1820
7	73-84	*23, 24*[*sic*], *25, 26, 27, 28, 29*[*sic*]	18 Jun 1821
8	85-96	*30, 31, 42, 45, 46*	26 Nov 1821
9	97-108	*35, 36, 37, 39, 41*	22 Jan 1822
10	109-120	*32, 38, 40, 44, 47*	Jul 1822
11	121-140	*48, 49, 51*	21 Jul 1823
12	141-160	*52, 53, 54, 55, 56*	12 Jan 1824
13	161-184	*57, 58*	10 Mai 1824
14	185-223	*59, 60*	28 Jun 1824

The book contains a selection of 60 leguminosae from the Nova genera et species (3143). Many of the descriptions are almost identical. For dates see TL-1/618.
For an outstanding modern reproduction of thirteen of the plates, taken directly from the originals in the library of the Senckenbergische naturforschende Gesellschaft, accompanied by an extensive essay by Franz Lerner and notes on the illustrations see Lerner (1968.)

Ref.: DU 146; GF p. 63 (Stearn); SK 4: cxciv.
Sherborn C. D., and Woodward, A. S., J. Bot. 39: 204. 1901.
Anon., Procès-Verbaux Acad. Sci. 6-8, 1915-1918.
Stearn, W. T., Taxon 5: 154-155. 1956.
Lerner, F. – Pierre Jean François Turpin (1775-1840), Südamerikanische Blüten, Calendar 1968 by Graphischer Grossbetrieb Georg Stritt & Co. und August Osterrieth, Frankfurt am Main. 1968.

3997. *Malvaceae, Büttneriaceae, Tiliaceae,* familiae denuo ad examen revocatae characteribusque magis exactis distinctae, addita familia nova Bixinarum.Quibus de iv familiis auctor pluribus aget, adjectis iconibus, in Humb. et Bonpl. Nov. Gen. et Spec. pl. v. p. 253 seqq. Carolus Sigismund Kunth, . . . vulgavit Parisiis a.d. xii kal. mai. mdcccxxii. [1822]. Oct. (size). (*Malvac., Büttner., Tiliac.*).
Publ.: 20 Apr 1822 (t.p. "xii kal. mai."; Acad. 22 Apr 1822), p. [1]-20. *Copies*: G(2), L, USDA.

3998. *Synopsis plantarum*, quas, in itinere ad plagam aequinoctialem orbis novi, collegerunt Al. de Humboldt et Am. Bonpland. Auctore Carolo Sigism. Kunth, . . . Parisiis, (apud F. G. Levrault, . . . atque Argentorati [Strassbourg], . . .) 1822-1825 [1826], 4 vols. Oct. (*Syn. pl.*).
Publ.: partie 6, Botanique [sect. 5] of Humboldt et Bonpland, "*Voyage aux régions equinoctiales* du Nouveau Continent, fait en 1799-1804 . . ." (see nos 3141-3143). Other t.p.: "Voyage de Humboldt et Bonpland. Sixième partie: Botanique. Synopsis . . ."

1: 9 Dec 1822, [i*-vii*, t.p. Voyage, h.t. Syn., t.p. Syn., dedid.], [i]-iv, [1]-491. Pages 1-6 by C. A. Agardh, 7-65 by W. J. Hooker.
2: 31 Mar 1823, [i-v], [1]-526.
3: 28 Feb 1824, [i-v], [1]-496.
4: 16 Jan 1826, [i-vii, t.p., h.t., t.p. 2, err.], [1]-528.

Copies: B (orig. covers), G, L, NY, U, US(3), USDA; IDC 5253. – "Le *Synopsis* de M. Kunth sera . . . à-la-fois le supplément et le table analytique de son grand ouvrage . . ." (Rev. bibliogr. Pays-Bas 2: 153. 1823). – For an analytical collation see Margadant (MD). For sources of dates see TL-1/620.
Ref.: MD p. 171-172; SK 4: cxciv.
Sherborn, C. D., and Woodward, A. S., J. Bot. 39: 204. 1901.
Anon., Procès-Verbaux Acad. Sci 7-8. 1916-1918.

3999. *Terebinthacearum genera* denuo ad examen revocare, characteribus magis accuratis distinguere, inque septem familias distribuere conatus est C.-S. Kunth. (ex Annales des Sciences naturelles, julio 1824.) Parisiis (Typis J. Tastu, . . .) 1824. Oct. (*Terebinth. gen.*).
Publ.: 23 Aug 1824 (Académie), p. [i, iii], [1]-36. *Copies*: G(2), MO, NY, WU. – Reprinted from Ann. Sci. nat. Sci. 2: 333-336. Jul 1824.

4000. *Révision des graminées* publiées dans les Nova genera et species plantarum de Humboldt et Bonpland; précédée d'un travail général sur la famille des graminées; par Charles-Sigismund Kunth, . . . Ouvrage accompagné de cent planches coloriées d'après les dessins de Madame Eulalie Delile. Dédié au roi. Paris, (Gide fils, . . .) 1829. Fol. (*Révis. gramin.*).

[*1*]: t.p. as above, p. [i-viii, or x, depending on presence of a second h.t.], [1]-374, *pl. 1-100.*
[*2*]: "*Révision* . . . supplément accompagné de cent planches coloriées d'apres les dessins de Madame Eulalie Delile. Dédie au roi." Paris (Gide fils, . . .) s.d., p. [i-vii], [375]-578, *pl. 101-200*, "*Graminearum genera supplenda* . . .": [i]-xlv. (Sometimes bound in vol. 1, between p. 175 and 176).
[*3*]: "*Révision* . . . troisième et dernière partie, accompagnée de vingt planches coloriées d'apres les dessins de Madame Eulalie Delile. Dédié au roi." Paris (Librairie-Gide, . . .) 1829, p. [i-v], [579]-666, chart, *pl. 201-220.*
Copies: B (col. pl.); US (uncol. pl.).
Plates: (all numbers present), copper-engravings, the habitus parts hand-coloured, of drawings by Eulalie Delile, the analytical parts uncoloured, by author. (*Copy*: B).
Publ.: in 44 parts (5pl/part), for sources of dates see TL-1/622.

part	pages	dates	part	pages	dates
1	1-16	Feb 1829	21	341-356	Nov 1830
2	17-32	Apr 1829	22	357-374	Dec 1830
3	33-48	Apr 1829	23	375-386	Dec 1830
4	49-64	Jun 1829	24	387-398	Feb 1831
5	65-80	Jun or early Jul 1829	25	399-410	Feb 1831
			26	411-422	Jun 1831
6	81-96	Aug 1829	27	423-434	Jun 1831
7	97-120	Sep 1829	28	435-446	Jul 1831
8	121-136	Oct 1829	29	447-458	Aug 1831
9	137-152	Nov 1829	30	459-474	Sep 1831
10	153-168	Dec 1829	31	475-486	Oct 1831
11	169-184	Jan 1830	32	487-498	Nov 1831
12	185-200	Feb 1830	33	499-510	Dec 1831

part	pages	dates	part	pages	dates
13	201-216	Mar 1830	34	511-522	Dec 1831
14	217-232	Mar 1830	35	(counted as issued with 40)	
15	233-252	Mai 1830	36	523-534	Mai 1832
16	253-272	Jun 1830	37	535-546	Mai 1832
17	273-292	Jun 1830	38	547-558	Jun 1832
18	293-308	Jul 1830	39	559-570	Jun 1832 vol. 2
19	309-324	Aug 1830	40	571-578	Jul 1832
20	325-340	Aug 1830	41-44	579-666	Mar 1834 vol. 3

Reissue: 1835-1837: "*Distribution méthodique de la famille des graminées*, par Charles-Sigismond Kunth, ... ouvrage accompagné de deux cent vingt planches représentant autant d'espèces nouvelles ou peu connues, dessinées par Madame Eulalie Delile..." Paris (Librarie-Gide, ...) 1835, 2 vols., Fol.
1: [i, ii], [1]-614.
2: [i*, iii*]. [i]-xlv, *pl. 1-220* (as in 1829 issue).
Copy: U (uncol.). – Other copies show mixtures of the original 1829 issue and this reissue. The order of issue of the 44 parts was more irregular than that of the original edition. Since this issue has no bearing on nomenclature, however, these dates are not given here. They can be ascertained from the contemporary literature. At least 8 parts were issued by 1835, and at least 30 had been published by Jun 1836.
Ref.: NI 954, 1111(*Distr.*); RS p. 91; SK 4: cxciv; IDC 5994.
Kuntze, O., Rev. gen. 1: cxxxi. 1891.
Sherborn C. D., & Woodward, A. S., J. Bot. 39: 205. 1901.
Steenis-Kruseman, M. J. van, Fl. males. Bull. 15: 736. 1960.

4001. *Handbuch der Botanik* ... Berlin (Verlag von Duncker und Humblot) 1831. Oct. (*Handb. Bot.*).
Publ.: 1831, p. [i]-xii, [1]-735. *Copies*: B, G, M, NY.
Dutch translation: "K. S. Kunth's Handboek der botanie, en aanleiding tot de kennis der natuurlijke familien des plantenrijks. Uit het hoogduits vertaald door N.B. Millard. Met eene voorrede van W. H. de Vriese, ...in twee deelen ..." te Amsterdam (bij C. G. Sulpke), *publ.* 11-16 Apr 1836 (Nederl. Staats-Courant), 2 vols. Oct. *Copy*: L. – *1*: [i]-xvi, [1]-376; *2*: [i-iii], [1]-372, [i]-xviii.
Ref.: Guillemin, A., Arch. de Bot. 1: 255. 11 Mar 1833.

4002. *Vier botanische Abhandlungen* von C. S. Kunth. Gelesen in der königlichen Akademie der Wissenschaften am 24 März 1831. Berlin (Gedruckt in der Druckerei der königlichen Akademie der Wissenschaften. In Commission bei F. Dümmler.) 1832. Qu. (*Vier bot. Abh.*).
Publ.: 1832 (submitted 24 Mar 1831), p. [i], [1]-16. *Copies*: B, G(2), NY. – Four papers, reprinted from Physik. Abh. k. Preuss. Akad. Wiss. 1831 (1832).

4003. *Zwei botanische Abhandlungen* von C. S. Kunth. Gelesen in der königlichen Akademie der Wissenschaften am 19 Juli 1832. Mit drei Kupfertafeln. Berlin (Gedruckt in der Druckerei der königlichen Akademie der Wissenschaften.) 1833. Qu. (*Zwei bot. Abh.*).
Publ.: 1833 (submitted 19 Jul 1832), p. [i], [1]-24, *pl. 1-3* (1 col., 2-3 uncol.). *Copies*: B, G, NY. – Reprinted from Physik. Abh. k. Preuss. Akad. Wiss. 1832 (1833). – The second paper is *Ueber einige Aublet'sche Pflanzengattungen.*

4004. *Enumeratio plantarum* omnium hucusque cognitarum, secundum familias naturales disposita, adjectis characteribus, differentiis et synonymis ... Stutgardiae et Tubingae [Stuttgart and Tübingen] (Sumptibus J. G. Collae) 1833-1850, 5 vols. (in 6). Oct. (*Enum. pl.*).

1 [second t.p.:] *Agrostographia synoptica* ... tomus primus. *Publ.*: Jul-Aug 1833, p. [ii-v], [1]-606.
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2: *Cyperographia synoptica* ... *Publ.*: 1-6 Mai 1837, p. [ii-iii], [1]-591, [592, corr.].

3: *Enumeratio Aroidearum*, Typhinearum, Pandanearum, Fluvialium, Juncaginearum, Alismacearum, Butomearum, Palmarum, Juncacearum, Philydrearum, Restiacearum, Centrolepidearum et Eriocaulearum omnium hucusque cognitarum . . . *Publ.*: 23-29 Mai 1841, p. [ii-iii], [1]-752.
4: *Enumeratio Xyridearum*, Mayacearum, Commlynearum, Pontederiacearum, Melanthacearum, Uvulariearum, Liliacearum et Asphodelearum . . . *Publ.*: 17-19 Jul 1843, p. [ii-iii], [1]-752.
5: *Enumeratio Asparaginearum*, Smilacinearum . . . et Amaryllidearum . . . *Publ.*: 10-11 Jun 1850, p. [ii-iii], [1]-908.
Copies: G, MICH, MO, NY, US(7), USDA.
The publication *Eichhornia, genus novum e familia Pontederiacearum*, Berlin 1842 (PR 4938), was a separately paged preprint of an article from volume 4 of the *Enumeratio* (see 4009).
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4005. *Anleitung zur Kenntniss* sämmtlicher in *der* Pharmacopaea borussica aufgeführten *officinellen Gewächse* nach natürlichen Familien . . . Berlin (Verlag von Duncker und Humblot) 1834. Oct. (*Anleit. Kenntn. off. Gew.*).
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4006. *Die natürlichen Pflanzengruppen der Cypereen und Hypolytreen.* [Berlin 1837]. Qu. (*Nat. Pfl.-Gr. Cyper.*).
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4007. *Flora berolinensis* sive enumeratio plantarum circa Berolinum sponte crescentium secundum familias naturales disposita . . . Berolini [Berlin] (vendunt Duncker et Humblot) 1838, 2 vols. Duod. (*Fl. berol.*).

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Eponymous hero: Johann Albrecht Friedrich Eichhorn, kön. preuss. Staatsminister, earlier minister of education and public welfare, *b.* 2 Mar 1779 (Werthheim am Main), *d.* 16 Jan 1856 (see Bot. Zeit. 14: 175. 1846).

4010. *Plantae novae horti regii botanici berolinensis* auctore C. Kunth [Berlin 1844]. Qu. (*Pl. nov. hort. berol.*)
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4011. *Species novae et emendatae horti regii botanici berolinensis.* Auctore C. Kunth [Berlin 1845, 1846]. Qu. (*Sp. nov. hort. berol.*)
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1846: publ. early 1847, as p. 11-22 of the same *Index* for 1846. Pages 14-22 have, also by Kunth, an *Enumeratio synoptica Ficus specierum* cum novarum tum cognitarum horti botanici berolinensis. *Copies*: G, H. – See also Ann. Sci. nat. Bot. ser. 3. 7: 181-189, 231-256. 1847.

4012. *Species novae horti regii botanici berolinensis.* Auctore C. Kunth [Berlin 1847, 1848]. Qu. (*Sp. nov. hort. berol.*)
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Kuntze, Carl Ernst Otto (1843-1907), German traveller, botanist and polemic nomenclatural reformer; Dr. phil. Freiburg i.B. 1878; travelled around the world 1874-1876 and in 1904. (*Kuntze*).

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4018. *Methodik der Speciesbeschreibung und Rubus.* Monographie der einfachblättrigen und krautigen Brombeeren verbunden mit Betrachtungen über die Fehler der jetzigen Speciesbeschreibungsmethode nebst Vorschlägen zu deren Änderung . . . Leipzig (Verlag von Arthur Felix) 1879. Qu. (*Meth. Sp.-Beschr. Rubus*).
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4026. *Codex nomenclaturae botanicae emendatus*. II. *Supplementum* III Editio italiana. 1898. Ex opere: Otto Kuntze, Revisio generum plantarum vol. iii [Leipzig 1898]. Oct. (*Cod. nomencl. bot., suppl.*).
Publ.: 28 Sep 1898, p. [xxxiii]-lii. *Copy*: FAS. – Reprinted from Kuntze, Revis. gen. pl. 3(2), 28 Sep 1898 (no. 4021).

4027. *La nomenclature réformée des algae et fungi* d'après le Code parisien de 1867 et contre les fantaisies de M. Le Jolis. [Paris, J. Mersch, imp. 1899]. Oct.
Publ.: Jan 1899, p. [1]-10. *Copy*: NY. – Reprinted and to be cited from J. de Bot. 13(1): 17-26. 1899.

4028. *Protest gegen die Schweinfurthsche Erklärung* [Cassel, Druck von Gebr. Gotthelft, ...] 1899.
Publ.: Mar 1899, p. [1]-4. *Copy*: NY. – Reprinted and to be cited from Bot. Centralbl. 77(8): 259-262. 1899. – Against Schweinfurth, Bot. Centralbl. 76: 424. 1898 in which the Berlin group published its stand against K's reform.

4029. *Ueber neue nomenclatorische Aeusserungen* ... Cassel (Druck von Gebr. Gotthelft, Königl. Hofbuchdruckerei) 1899. Oct.
Publ.: 20 Sep 1899 (journal), p. [1]-8. *Copy*: G. – Reprinted and to be cited from Bot. Centralbl. 79: 405-412 1889.

4030. *Nomenklatorische Revision höherer Pflanzengruppen* und über einige Tausend Korrekturen zu Englers Phaenogamen-Register [Karlsruhe i. B. (Verlag von J. J. Reiff) 1900]. (*Nomenkl. Revis. höher. Pfl.-Gr.*).
Co-author: Tom Erik von Post (1858-1912).
Publ.: Jun-Sep 1900 (for dates in journal see below), p. [1]-39. *Copy*: G. – Reprinted from Allg. bot. Z. (ed. A. Kneucker): 1900(6): 110-120. Jun 1910; (7/8): 150-164. Jul/Aug 1900. (9): 179-191. Sep 1900.

4031. *Exposé sur les Congrès pour la Nomenclature botanique* et six propositions pour le Congrès de Paris en 1900. s.l.n.d. [1900]. Oct. (*Exposé Congr. Nomencl.*).
Publ.: 15-31 Aug 1900, p. [1]-15. *Copies*: FAS, NY – Pamphlet proposing to take up nomenclature at a future congress (1905, Vienna) (because the Oct 1900 Paris congrès was held to be not representative) and to appoint R. v. Wettstein and J. Wiesner as "directors." These proposals were supported by J. Briquet, C. de Candolle, K. Fritsch, L. B. Robinson, H. Schinz and T. v. Post. In Sep 1900 Cogniaux, Fünfstück, Leimbach and Carl Müller (Berlin) joined the proposers. [fide a separate 1 p. pamphlet by Kuntze, dated Aix-la Chapelle, 22 Sep 1900, *copy*: FAS]. NY has also a preliminary version of this pamphlet (in proof), from which it is clear it was originally intended for publication in the *Mémoires de l'Herbier Boissier*.

4032. *An dem Landtag des Königsreichs Preussen* ... San Remo [Druck von Gessner & Schramm, Leipzig] 1901. Fol.
Publ.: 1901 (p. [1]: 10 Jan 1901), p. [1-4]. *Copy*: NY. – A protest against Engler's *Pflanzenreich* and the financing of it by the Prussian government. The Landtag (House of representatives) is requested to strike all subventions because the *Pflanzenreich* is said to become a danger to science.

4033. *Nomenclaturae botanicae codex brevis maturus* sensu Codicis emendati aux Lois de la nomenclature botanique de Paris de 1867 Linguis internationalibus: anglica, gallica, ger-

manica quoad nomina latina . . . Stuttgart (Deutsche Verlags-Anstalt) 1903. Oct. (*Nomencl. bot. cod. matur.*).
Publ.: Nov 1903 (Bot. Zeit. 16 Nov 1903; Nat. Nov.), p. [i]-lxiv. *Copy*: G.
Erster Anhang: included in main text.
Zweiter Anhang: 1904, p. [lxv]-lxxvi. *Copy*: G (proof sheets).
Ref.: Britten, J., J. Bot. 41: 411-412. Dec 1903.

4034. Dr. Otto Kuntze *Protest* gegen den vollmachtswidrig arrangierten und wegen vieler Unregelmässigkeiten inkompetenten Nomenklatur-Kongress auf dem internationalen Botaniker-Kongress in Wien nebst Kritik der dürftigen Resultate der internationalen Kommission und Vorschlag zu einem baldigen kompetenten Kongress. San Remo (Villa Girola) Italien (In Kommission bei Arthur Felix) Leipzig 1905. Oct. (*Protest*).
Publ.: 1905 (Nat. Nov. Jun(2) 1905), p. [1]-33. *Copy*: FAS. – ("Aut ordo internationalis aut chaos botanicum!").

4035. *Motivierte Ablehnung* der angeblich vom Wiener Kongress 1905 angenommenen inkompetenten und fehlerreichen botanischen Nomenklatur-Reglen, sowie Vorschläge zur international endgültigen Reform auf dem Brüsseler Kongress 1910 von Dr. Otto Kuntze. San Remo (Villa Girola) Italien Selbstverlag des Verfassers 1907. Oct. (*Motiv. Ablehn.*)
Publ.: 1907, p. [1]-30, [31-32], errata on p. 3 of cover. *Copy*: NY.

Kunze, Gustav (1793-1851), German botanist; Dr. med. Leipzig 1819; from 1837-1851 director of the Leipzig botanical garden; professor of botany at Leipzig University (1835); induced his pupil Willkomm to go to Spain. (*Kunze*).

HERBARIUM and TYPES: LZ; now destroyed; material at H (musci), L, PH, and UPS. – See IH 2: 396.

BIBLIOGRAPHY and BIOGRAPHY: ADB 17: 401; AG 6(2): 297; Backer p. 308; Barnhart 2: 327; BM 2: 1036; Bossert p. 223; Colmeiro 1: clxxxi; CSP 3: 774-776; DTS 1: 163-164; Frank 3 (Anh.): 54; GR p. 25-26, cat. p. 66; Hortus 3: 1197 ("Kunze"); IF p. 712-713, suppl. 4: 328, IH 2: 396; Jackson p. 568 [index]; Kew 3: 336; KR p. 360; Langman p. 422; Lasègue p. 293, 320, 545; LS 14626-14634; ME 2: 346; MW p. 256; NI 1113-1114; PR 4942-4949, (ed. 1: 5466-5471); Rehder 5: 478; Saccardo 1: 93, 2: 61; SBC p. 124 ("Kunze"); Stevenson p. 1248; TL-2/1: 831, 2064; Zander ed. 10, p. 681.
Anon., Bonplandia 1: 33, 240. 1853 2: 267. 1854 (cogn. Battarra); Bot. Not. 1851: 94, 96; Bot. Zeit. 9: 376, 390-391. 1951; [Fürnrohr], Flora 34: 288, 412-416, 426-432. 1851; Nova Acta Leopoldina N. F. 29(171): 55. 1964 (portr.).
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Kunze, G., Die Farrnkräuter, vol. 1, 1840, frontispiece (portrait of author).
Merrill, E. D. Contr. U.S. natl. Herb. 30(1): 182. 1947.
Müller, R. H. W. & R. Zaunick, Friedr. Traug. Kützing 286. 1960.
Reichenbach, L., Worte zur Erinnerung an Gustav Kunze gesprochen in der Naturforschenden Gesellschaft zu Leipzig am 13 Mai 1851. Für Kunze's Freunde zum Druck befördert. Leipzig 1851, 16 p. (copy: MO); Bot. Zeit. 9: 589. 1851 (on a privately distributed obituary); *in* A. E., Fürnrohr, Flora 34: 412-416, 426-432. 1851.
Schmid, G., Chamisso als Naturforscher 169. 1942.
Stafleu, F. A., Wentia 16: 28. 1966; Regn. veg. 71: 339 [index]. 1970.
Urban, I., Symb. ant. 1: 90. 1898.

COMPOSITE WORKS: (1) *Richard's medicinische Botanik* (edited and translated by Kunze and Kummer) Berlin 1824, 2 vols.
(2) F. Göbel, *Pharmaceutische Waarenkunde*, vol. 2 (8 Hefte), Eisenach 1830-1834 (vol. 2 by Kunze).

HANDWRITING: On the frontisp. portrait of Kunze in vol. 1 of his *Farrnkräuter* (1840).

EPONYMY: *Kunzea* H. G. L. Reichenbach (1828). *Kunzia* K. P. J. Sprengel (1818) is probably also dedicated to him.

4036. *Mykologische Hefte*, nebst einem allgemein-botanischen Anzeiger ... Leipzig (G. Voss'sche Buchhandlung) 1817, 2 Hefte. Oct. (*Mykol. Hefte*).
Co-author (-editor): Johann Carl Schmidt (1793-1850).
Heft 1: 1817 (p. xii: Apr 1817), p. [i]-xvi, [1]-109, [110, err.], *pl. 1-2*, [1-16, Anzeiger].
Heft 2: 1823 (p. viii: Apr 1823), p. [i]-xii, [1, h.t.], [1]-176, [1, err.], *pl. 1-2*. Leipzig (Leopold Voss) 1823.
Copies: B, G, NY, Stevenson.

4037. *Synopsis plantarum cryptogamicarum* ab Eduardo Poeppig in Cuba insula et in America meridionali collectarum auctore Gustavo Kunze [Berlin und Halle 1834]. Oct. (*Syn. pl. crypt.*).
Publ.: 22-28 Jun 1834 (journal), p. [1]-111. *Copies*: FH, MO. – Reprinted from Linnaea 9(1): 1-111. 1834.

4038. *Plantarum acotyledonearum africae australioris recensio* nova e Drègei, Eckloni et Zeyheri aliorumque peregrinatorum collectionibus aucta et emendata. Particula prima, Filices L. complectens, qua ad orationem, professionis medicinae et botanices extraordinariae in universitate lipsiensi adeundae caussa, d. xxx julii mdcccxxxvi. Hora consueta, illustris jctorum ordinis concessu in auditorio juridico habendam, humanissime invitat Gustavus Kunze, ... Lipsiae [Leipzig] (typis impressum Gebaueriis Halens.) 1836. Oct. (*Pl. acot. afr. austral.*).

Thesis ed.: 30 Jul 1836, p. [i], [1]-77, [78, err.]. *Copies*: L, NY. – Reprinted from Linnaea 10(5): 481-556. Jul-Aug 1836.
Trade ed.: (complete text of Linnaea article): Aug 1836, p. [i], [1]-90. *Copy*: MO. – Reprinted from Linnaea 10(5): 481-570. Jul-Aug 1836. Title different: "*Acotyledonearum Africae australis* extra tropicum sitae, imprimis Promontorii Bonae Spei, recensio nova, e Drègei, Eckloni et Zeyheri aliorumque peregrinatorum collectionibus aucta et emendata. Particula i. Filices Linnaei complectens. Scripsit Gustavus Kunze, ..." Halae (typis impressum Gebaueriis) 1836. Oct. – Includes on p. 557-570 an index of localities and specimens. Title of journal paper: *Acotyledonearum Africae australioris recensio nova.*

4039. Gustavi Kunze ... *Analecta pteridographica* seu descriptio et illustratio filicum aut novarum, aut minus cognitarum. Accedunt tabulae aeri incisae xxx. Lipsiae [Leipzig] (Impensis Leopoldi Voss, ...) 1837. Fol. (*Analecta pteridogr.*).
Publ.: 27 Aug-2 Sep 1837 (Hinrichs), p. [i]-viii, [1]-50, *pl. 1-30*, uncol. copper engr. of drawings by E. Schenk and G. F. Kaulfuss. *Copies*: G, MO, NY, US; IDC 7209.

4040. *Die Farrnkräuter* in kolorirten Abbildungen naturgetreu erläutert und beschrieben ... Schkuhr's Farrnkräuter, Supplement (vol. 1: Mit dem Bildniss des Verfassers]. Leipzig (Ernst Fleischer) 1840-1851, 2 vols. Qu. † (*Farrnkräuter*).

1: in ten *Lieferungen*, see below; portr. author, p. [i]-vi, [1]-252, *pl. 1-100*.
2: only four *Lieferungen* published, p. [i], [1]-98, *pl. 101-140*.
Copies: G, MICH, MO, NY (orig. covers), U, US (1, orig. covers; 2), USDA; IDC 5995.
Plates: 140 (all present) coloured copper engr. of drawings by C. Günther, Heyland, K. Müller, E. Schenk, E. Winkler.

vol.	part	pages	*plates*	dates
1	1	[1]-20	*1-10*	5-11 Jul 1840
	2	21-40	*11-20*	5-11 Jul 1840
	3	[41]-62	*21-30*	13-19 Dec 1840
	4	63-84	*31-40*	26-31 Dec 1841
	5	[85]-108	*41-50*	11-13 Dec 1842
	6	[109]-138	*51-60*	27 Dec 1843
	7	[139]-166	*61-70*	11-13 Jul 1844

vol.	part	pages	*plates*	dates
	8	[167]-190	*71-80*	21-23 Jul 1845
	9	[191]-222	*81-90*	22-24 Jun 1846
	10	[223-252, [i]-vi	*91-100*	27-28 Sep 1847
2	11	[1]-26	*101-110*	23-26 Aug 1848
	12	27-50	*111-120*	18-20 Jun 1849
	13	51-74	*121-130*	12-15 Jun 1850
	14	75-98	*131-140*	12-15 Feb 1851

The above dates are those of receipt by Hinrichs at Leipzig and may be taken as actual dates of publication; these dates are confirmed without exception by the dates of receipt at Regensburg. The book was intended as a supplement to C. Schkuhr, Farrnkräuter, in Bot. Handb. ed. 2. 5(1).
Ref.: Vriese, W. H. de, Tijdschr. nat. Gesch. Physiol. 7(2): 83-84. 1840.
Schlechtendal, D. F. L. von, Bot. Zeit. 2: 241-242, 616. 1844, 2: 3: 616-617. 1845, 4: 749-750. 1846, 5: 855-856. 1847, 6: 738-739. 1848, 9: 405-406. 1851 (rev.).
Stearn, W. T., J. Soc. Bibl. nat. Hist. 1: 139-140. 1938.

4041. *Supplemente zu Schkuhr's Riedgräsern* (Carices) oder Schkuhr's Riedgräser neue Folge . . . Leipzig (Ernst Fleischer) 1840-1850. Oct. † (*Suppl. Riedgräs.*).
Publ.: in five parts, 1840-1851, p. [i*-iv*], [i]-ii, [3]-206, *pl. 1-50* (p. 162 as "161").

fasc.	pages	*plates*	dates
1	[i]-ii, [3]-44	*1-10*	5-11 Jul 1840
2	45-82	*11-20*	26-31 Dec 1841
3	83-122	*21-30*	11-13 Dec 1842
4	123-168	*31-40*	[Dec 1844]
5	169-206, [i*-v*]	*41-50*	12-15 Feb 1851

Copies: G, MICH, MO, NY, U, USDA. – Pars 4 was received by the Regensburg botanical Society in Jan 1845 and reviewed by Fürnrohr in Flora 28: 220-222. 1845. The 50 coloured copper engravings are of drawings by E. Schenk.
Title on covers: "*Supplemente der Riedgräser* (Carices) zu Chr. Schkuhr's Monographie in Abbildungen und Beschreibung herausgegeben von Dr. Gustav Kunze, . . . oder Schkuhr's Riedgräser neue Folge."
Ref.: Anon., Lit. Ber. Flora 10: 110-112, 113-117. 1840, 12: 33-39. 1842; Bot. Not. 1841: 10, 1842: L 25, 1843: L 15, 1845: 85, 1851: 84.
Gray, Amer. J. Sci. 40(2): 174. Apr 1841, 41 (2): 371. Oct 1841.
Schlechtendal, D. F. L. von, Bot. Zeit. 9: 424. 1851 (rev.).

4042. *Chloris austro-hispanica.* E collectionibus Willkommianis, a.m. majo mdcciv ad finum m. maji mdcccxxxv factis composuit G. Kunze, . . . Ratisbonae [Regensburg] (typis Demmlerianis) 1846. Oct. (*Chlor. austro-hispan.*)
Publ.: 1846, p. [i], [1]-92. *Copies*: G, NY. – Reprinted from Flora 29: 625-640. 28 Oct 1846, 641-656. 7 Nov 1846, 673-686. 21 Nov 1846, 689-704. 28 Nov 1846, 737-752. 21 Dec 1846, 753-772. 28 Dec 1846.

4043. *Index filicum* (sensu latissimo) adhuc quantum innotuit in hortis europaeis cultarum cum synonymis gravioribus patria introductionis seu germinationis tempore duratione et cultura . . . Halis [Halle] (Typis impressum Gebaueriis) 1850. Oct. (*Index filic.*).
Publ.: Mai-Aug 1850 (see below), p. [i], [1]-118. *Copy*: L. – Reprinted from Linnaea 23(2): 209-256, Mai 1850, 23(3): 257-329. Jul 1850, 23(4): 408-410. Aug 1850.

4044. *Gustavi Kunzii Index filicum* (sensu latissimo) in hortis europaeis cultarum synonymis interpositis auctus, cura Augusti Baumanni. Argentorati [Strasbourg] (apud C. F. Schmidt), Parisiis (apud L. Hachette), Lipsiae [Leipzig] (apud Fr. Fleischer) 1853. Oct. (*Kunz. Index filic.*).
Publ.: ante 13 Aug 1853 (date BF; Flora rd. 21 Jul-7 Aug 1853), p. [1]-96. *Copy*: L.

Kunze, Johannes (x-1881), German mycologist at Eisleben. (*J. Kunze*).

HERBARIUM and TYPES: Unknown. Exsiccatae: *Fungi selecti exsiccati*, cent. 1-6, nos. 1-600, 1877-1881. Sets see IH. Also: *Flora von Eisleben*, set at B (extant).
Ref.: Anon., Bot. Zeit. 39: 679. 14 Oct 1881 (herbaria for sale).

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Anon., Corresp.-Bl. Irmischia 7: 28. 1881; Bot. Not. 1882: 30; Rev. mycol. 3: 26. 1881.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 364. 1963.

Kunze, Karl Sebastian Heinrich (1774-1820), German teacher and botanist at Flensburg. (*K. Kunze*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 327; LS 14637; PR 4950.
Anon., Hedwigia 20: 96, 160. 1881; Flora 64: 288, 464. 1881.
Fischer-Benzon, R. J. D. von, *in* P., Prahl, Krit. Fl. Schlewig-Holstein 2: 30-31. 1890.

4045. *Deutschlands cryptogamische Gewaechse* oder botanisches Taschenbuch auf das Jahr 1795 . . . Hamburg (bei Bachmann und Gundermann) 1795. Oct. (*Deutschl. crypt. Gew.*)
Publ.: 1795 (p. vi: 10 Jan 1895), p. [i*, iii*], [i]-vi, [1]-102. *Copy*: FH.

Kurr, Johann Gottlob von (1798-1870), German botanist and pharmacist; Dr. med. Tübingen 1832; from 1812-1825 at various pharmacies, from 1832-1870 teacher at the "Gewerbeschule" at Stuttgart which became the polytechnical school in 1841; collected for the Esslingen Reiseverein. (*Kurr*).

HERBARIUM and TYPES: Probably at TUB (see Künkele, 1970). Some other material at L and OXF.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 309; Barnhart 2: 329; BM 2: 1037; Clokie p. 196; CSP 3: 779, 8: 138; DTS 1: 379; IH 2: 397; Kew 3: 339; PR 4951-4952 (ed. 1: 5472-5473); Quenstedt p. 246; Rehder 5: 478.
Bauer, Jahrb. Gesch. oberdeut. Reichsst. 16: 253, 255. 1970.
Fleischer, Jahresh. Ver. vaterl. Naturk. Württemberg 27: 34-50. 1871.
Künkele, S., Jh. Ges. Naturk. Württemberg 125: 155. 1970.
Lehmann, E., Schwäbische Apotheker 142-143. 1951.

EPONYMY: *Kurria* Hochstetter & Steudel (1842). *Note*: *Kurrimia* Wallich ex C. F. Meisner (1837) is dedicated to Kurrim Khan, Indian gardener who worked for forty years in the Calcutta botanic garden (fide Wallich).

4046. *Beiträge zur fossilen Flora der Juraformation Württembergs* von Joh. Gottlob Kurr, . . . Stuttgart (Gedruckt in der Guttenberg'schen Buchdruckerei) 1845. Qu. (*Beitr. Juraform. Württemb.*).
Publ.: On or shortly before 27 Sep 1845 (Flora rd. Sep-Oct 1845; see also below), p. [i-iii], [1]-21, *pl. 1-3* (uncol. liths.). *Copies*: G, MICH, NY, USGS, – First t.p.: "Einladungs-Schrift zu der Feier des Geburtsfestes Sr. Majestät des Königs Wilhelm von Württemberg in der königl. polytechnischen Schule zu Stuttgart den 27. September 1845. Voraus: Beitrage . . ."
Trade ed.: 1846 (t.p.), p. [i], [1]-18, *pl. 1-3* (id.). *Copy*: G. – Differs in having another t.p. and lacking three pages of school history. "*Beiträge zur fossilen Flora der Juraformation Württembergs* von J. G. Kurr, . . ." Stuttgart (Verlag von Beck & Fränkel). 1846. Qu.
Ref.: Anon., Bot. Zeit. 4: 349-350. 1846.

Kurtz, Fritz (Frederico) (1854-1920), German botanist; Dr. phil. Berlin 1879; from 1878-80 at Berlin-Dahlem under Eichler; to Argentina 1884, professor of botany at Cordoba 1884-1915. (*F. Kurtz*).

HERBARIUM and TYPES: CORD (contains much material also from Germany as well as the herbarium of G. H. Bauer. K's library was also acquired by Cordoba).
Ref.: Sayre, G., Mem. New York bot. Gard. 29(3): 353. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 292; Barnhart 2: 329; BL 1: 132, 232, 235, 254, 305; BM 2: 1037; Bossert p. 223; CSP 10: 480, 12: 419, 16: 519; DTS 1: 164, xxi, 6(4): 50; Frank 3(Anh.): 54; GR p. 102-103; IH 2: 397; Jackson p. 393, 424, 510; Kew 3: 339-340; LS 35701; MW p. 257; Quenstedt p. 485; Rehder 5: 478-479; TL-2/1: see Ascherson, P. F. A.; TR 735; Tucker 1: 404; Zander ed. 10, p. 681.
A. C., Physis 5: 82-84. 1921.
Anon., Bot. Not. 1921: 14; Kurtziana, vol. 1, 1961, frontispiece portrait (drawing).
Kuntze, O., Rev. gen. pl. 1: clvi. 1891 (bibl.), 3(2): 1-4. 1898 (itin.), 3(2): 202. 1898 (bibl.).
Harms, H. A. T., Ber. deut. bot. Ges. 28: (78)-(85). 1920 (portr., bibl.).
Reiche, K., Grundz. Pflanzenverbr. Chile 34. 1907 (Veg. Erde 8).
Skottsberg, C., Sv. bot. Tidskr. 15(1): 286. 1921.
Wittrock, V. B., Acta Horti Berg. 3(2): 79. 1903, 3(3): 64, *pl. 150.* 1905 (portr.).

EPONYMY: (genera): *Kurtzamra* Post & O. Kuntze (1903, *orth. var.*); *Kurtziana* Frenguelli (1942); *Kurzamra* O. Kuntze (1891); (journal): *Kurtziana* Córdoba (Argentina). Vol. l-x. 1961-x. *Note*: *Kurtzipites* R. Y. Anderson (1960) is dedicated to Edwin B. Kurtz Jr., American scientist.

4047. *Aufzählung der von K. Graf von Walburg-Zeil im Jahre 1876 in Westsiberien gesammelten Pflanzen.* Botanische Inaugural-Dissertation zur Erlangung der philosophischen Doctorwürde. Mit Genehmigung der philosophischen Facultät der Friedrich-Wilhelms-Universität zu Berlin zu vertheidigen am 27 März 1879, vormittags 12 Uhr von Fritz Kurtz aus Berlin . . . Berlin 1879. Oct. (*Aufzähl. Westsib. Pfl.*).
Collector: Karl Graf von Waldburg-Zeil-Trauchburg (1841-1890).
Publ.: 27 Mar 1879 (Nat. Nov. Sep(2) 1879), p. [i], [1]-69, [70, vita], [1, theses]. *Copies*: MO(2). – Reprinted from Verh. bot. Ver. Brandenburg 21: 11-77. 1879. – Harms (1920) relates that some copies of this dissertation, sent to friends, had an annotation on p. [70] following the "vita": "Während seiner Studienzeit trank der Verfasser ca. 6 (genau 5.930) cbm Bier." This amounts to nearly 6.000 liter Bier. We have alas not seen a copy with this annotation.
Bericht über die Pflanzen, welche Karl Graf von Waldburg-Zeil im August 1881 am unteren Jenissei gesammelt hat, Verh. bot. Ver. Brandenburg 36: 141-149. 9 Mai 1894 (reprint later; Nat. Nov. Feb(1) 1895) reprint with original pagination at MO. Collection made 23-28 Aug 1881 near Karaul (Karauly). [Reprint combined with a paper by Kurtz on plants collected by K. Keilhack on Iceland and the Faer-Oern in 1883, ib. 36: 150-158. 9 Mai 1894].
Ref.: Henglin, Th., Reisen nach dem Nordpolarmeer in den Jahren 1870-71, 3 vols., Braunschweig 1872-1874 (n.v.).
Finsch, O., Reise nach Westsiberien im Jahre 1876, Berlin 1879 (n.v.).

4048. *Dos viajes botánicos* al Rio Salado superior (Cordillera de Mendoza) ejecutados en los años 1891-92 y 1892-93 . . . Buenos Aires (Imprenta de Pablo E. Coni é hijos, especial para obras . . .) 1893. Oct.
Publ.: Jun-Dec 1893 (p. 35: Jun 1893), p. [1]-42. *Copies*: HH, MO, NY. – Reprinted and to be cited from Bol. Acad. nac. Ci. Córdoba 13: 171-210. 1893.
German translation: Verh. bot. Ver. Brandenburg 35: 95-120. 26 Jan 1894. "*Bericht über zwei Reisen zum Gebiet des oberen Rio Salado . . .*"

4049. *Sertum cordobense* observaciones sobre plantas nuevas, raras ó dudosas de la provincia de Córdoba por el Dr. Federico Kurtz. La Plata (Tallares de publicaciones del Museo) 1893.
Publ.: Jul-Dec 1893 (p. 23: 8 Jul 1893), p. [1]-23. *Copy*: MO. – Reprinted and to be cited from Revista del Museo de la Plata 5: 281-304. 1893.

4050. *Die Flora des Chilcatgebietes im südöstlichen Alaska*, nach den Sammlungen der Gebrüder Krause [Expedition der Bremer geographischen Gesellschaft im Jahre 1882]. [Berlin 1894]. Oct.

Publ.: 28 Dec 1894 *in* (and to be cited from) Bot. Jahrb. 19: [327]-431, followed by *Die Flora der Tschuktschenhalbinsel* on p. [432]-493 (also publ. 28 Dec 1894). Reprint with original pagination of the two papers, combined, at MO. The collections on which this paper was based were made by the brothers Aurel (1848-1908) and Arthur Krause (1851-1920). The main set (with the types) is at CORD; B had 598 duplicates, UPS has 375, LE 227, WRSL 134 specimens.
Preliminary notice: "Ueber die von den Doctoren Aurel und Arthur Krause von der Tschuktschen-Halbinsel mitgebrachte Pflanzensammlung. Deutsche geogr. Blätter, Heft 4, Bd. V, text dated 15 Nov 1882, reprint [1p.] at MO.

4051. *Contribuciones á la Palaeophytologia Argentina* por el Dr. F. Kurtz III. La Plata (Talleres de publications del Museo) 1899. Oct.
Publ.: Jul-Dec 1899 (p. 17: 14 Jul 1899), p. [1]-18. *Copy*: MO. – Reprinted and to be cited from Revista del Museo de la Plata 10: 43-60. 1899. – Parts i and ii were published ib. 6: 117-137. 1894 (no reprint seen). Parts iv-vi were never published, part vii was published ib. 10: 235-242, *pl. 3*. 1902.

4052. *Collectanea ad floram Argentinam* remarques et observations sur des plantes exotiques ou peu connues de l'Argentine . . . Buenos Aires (Imprimerie Coni Frères, Editeurs . . .) 1900. Oct.
Publ.: Aug-Nov 1900 (p. [3]: 1 Aug 1900; Nat. Nov. Dec(1) 1901), p. [1]-51. *Copy*: MO. – Reprinted and to be cited from Bol. Acad. nac. Ci. Córdoba 16: 224-274. 1900.

4053. *Essai d'une bibliographie botanique de l'Argentine* . . . Buenos-Ayres (Imprimerie de Coni Frères, Editeurs . . .) 1900. (*Essai bibl. bot. Argent.*).

Ed. 1: 1900, p. [1]-90 [1, cont.]. *Copy*: MO. - Reprinted from Bol. Acad. nac. Ci. Córdoba 16: 117-203. 1900.
Ed. 2: *part 1*: ib. 19(2): 221-376. 1913; *part 2*: ib. 20: 369-467. 1915.
Continuation: L. Hauman and A. Castellanos, Physis 5: 263-291. 1922 (for 1914-1921), 8: 436-467. 1927 (for 1922-1926).
Addenda: Hicken, C. M., Darwiniana 1: 191-318. 1927, 319-430, 431-539. 1930.

Kurtz, Karl Marie Max (1846-1910), German botanist, high school teacher and botanist at Ellwangen 1876-1906. (*K. Kurtz*).

HERBARIUM and TYPES: Kurtz made no herbarium.

BIBLIOGRAPHY and BIOGRAPHY: Lehmann, E., Schwäbische Apotheker 199. 1951. Schultheiss, Ellwanger Jahrb. 1950-53: 25-55; 26: 146. 1976.

4054. *Flora des Bezirks Ellwangen, in* Programm des königlichen Gymnasiums zu Ellwangen vom Schuljahre 1880-81. 1881. Progr.-Nro. 510. (*Fl. Ellwangen*).
Part 1: late summer 1881, p. [1]-16. *Copy*: MO.
Part 2: Sep-Oct 1883, p. [1]-24. *Copy*: MO, in id. 1883, Progr.-Nr. 532.

Kurz, Herman (1886-x), American bryologist; Ph. D. Chicago 1922; from 1922 at Tallahassee, Fla. (*H. Kurz*).

HERBARIUM and TYPES: MICH (189 mosses), NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 329; CSP 16: 520; IH 2: 397; Kew 3: 340. Ewan, J. et al., Short hist. bot. U.S. 93. 1969.

4055. *Liverworts of North and Central Florida* (illustrated) Bulletin Florida State College for Women vol. xxvi, no. 3, September 1933. (*Liverw. N. C. Florida*).
Co-author: Thomas M. Little (1910-x).
Publ.: Sep 1933, p. [i], [1]-39, [1, index], *fig. 1-68*. *Copies*: Steere, USDA.
Ref.: Breil, Bryologist 73(3): 409-410. 1970 (contains on p. 409-491 "Liverworts of the Mid-Gulf Coastal plain," an up-to-date follow up of Kurz & Little).

Kurz, Wilhelm Sulpiz (1834-1878), German botanist in the Dutch East Indian army 1856 (as "Johann Amann"); 1859-1863 at Buitenzorg (Bogor); from 1864 curator of the herbarium at Calcutta. (*Kurz*).

HERBARIUM and TYPES: CAL; Indonesian material at L, BO, U; for duplicates see IH (many at K and L.).
Ref.: Hedge, J. C. and Lamond, J. M., Index coll. Edinburgh 100. 1970.
Sayre, G., Mem. New York bot. Gard. 19(3): 353-354. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 309; Barnhart 2: 329; BB p. 178; BL 1: 93, 100, 107, 305; BM 2: 1037; CSP 8: 138, 10: 480, 12: 419-420; Desmond p. 366; DNB 31: 346; DTS 6(4): 90; GR p. 103; IH 2: 397; Hortus 3: 1197 ("Kurz"); Jackson p. 569 [index]; Kew 3: 340; LS 14639; MW p. 257-258; PR 4954; Rehder 5: 479; SK 1: 305-306, 4: 305-306, 8: lviii; Tucker 1: 404; Urban-Berl. p. 266, 271, 304, 367; Zander ed. 10, p. 681.
Anon., Bot. Not. 1879: 31; Flora 61: 95, 113-119. 1878; Hedwigia 17: 96. 1878; J. Bot. 16: 127-128. 1878.
Burkill, J. H., Chapt. hist. bot. India 132, 133, 145, 160, 163, 168. 1965.
Holttum, R. E., Taxon 19: 709. 1970.
Kurz, W. S., J. Bot. 7: 369. 1869.
Mason, F., Burma, ed. 2, vol. 2 by W. Theobald (Botany), Hertford 1883.
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Sirks, M. J., Indisch natuurond. 299 [index]. 1915.
Trimen, H., J. Bot. 16: 127-128. 1878.

HANDWRITING: Fl. males. ser. 1. 1: cc. 1950.

EPONYMY: *Kurzia* Martens (1870); *Kurzinda* O. Kuntze (1891); *Kurziodendron* N. P. Balakrishnan (1968).

4056. *Eenige kruidkundige mededeelingen* . . . [Batavia 1865] Oct.
Publ.: 1865, p. [i]-5. *Copy*: U. – Reprinted and to be cited from Natuurk. Tijdschr. Ned. Indie 28: 164-168. 1865.

4057. *Report on the vegetation of the Andaman Islands.* By Mr. S. Kurz, . . . accompanied by a report on the forests, and a map. Calcutta (Office of Superintendent of Government Printing) 1870. Fol. (*Rep. veg. Andaman Isl.*).
Publ.: Jan-Apr 1870 (J. Bot. Apr 1870; Flora rd. 8 Mai 1870), p. [i, iii], [1]-75, map. *Copies*: L, M, NY, US. – On p. [1]: "A reprint of a former report submitted to the Government of India in the early part of the year 1868." We have found no copy of this earlier report (BL cites it as having 27, xxv and 13 p.).

4058. *Contributions towards a knowledge of the Burmese flora* [Calcutta 1874-1877] Oct. (*Contr. Burm. fl.*).
Publ.: A series of reprints of papers published in the Journal of the Asiatic Society of Bengal:

part	repr. pag.	journal pag.	dates
1	[1]-103, *1 pl.*	43(2): 39-141	1874
2	2-64	44(2,3): 128-190	1875
3	[1]-108	45(2): 204-310	1876
4	[1]-210	46(2): 49-258	1877

4059. *Preliminary report on the forest and other vegetation of Pegu.* By Sulpice Kurz, . . . Calcutta (Printed by C. B. Lewis, Baptist Mission Press) 1875. Fol. (*Prelim. rep. forest Pegu*).
Publ.: 1875 (J. Bot. Oct 1876), p. [i-v], [(1)]-(97), [(i)]-(cxxxviii), [1]-95, [i]-xxiv, [1], *2 pl.*, [1]-34. *Copies*: M, USDA.

4060. *Bamboo and its use* . . . Calcutta (published by the Calcutta Central Press Company, . . .) 1876. Oct. (in fours). (*Bamboo*).
Publ.: 1876, p. [1]-78, *pl. 1-4* (auct.). *Copy*: NY.

4061. *Forest flora of British Burma* . . . Calcutta (Office of the Superintendent of Government Printing) 1877, 2 vols. Oct. (*Forest fl. Burma*).
Vol. 1: 1877, p. [i]-xxx, [1]-549.
Vol. 2: 1877 (J. Bot. Aug 1878), p. [i-ii], [1]-613.
Copies: G, MO, NY, US, USDA. – See 4058 for references to synonyms.
Facsimile ed.: 1974 (n.v.).
Ref.: Trimen, H., J. Bot. 16: 255. Aug 1878, 283-284. Sep 1878.

Kylin, Johan Harald (1879-1949), Swedish algologist; Dr. phil. Uppsala 1907; from 1920 professor of botany at Lund. (*Kylin*).

HERBARIUM and TYPES: LD.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 330; BJI 2: 100; Bossert p. 224; DSB 7: 534-536; IH 2: 400; Kew 3: 342; KR p. 361-363; LS suppl. 15293; Moebius p. 87, 88, 89, 91, 93, 94, 95; MW p. 259, suppl. p. 191; Plesch p. 293.
Anon., Bot. Not. 1903: 268, 1904: 138, 1912: 95, 130, 1915: 291, 1938: 541; Generalregister Bot. Not. 1839-1938: 43, 104. 1939.
Suneson, Bot. Not. 1950: 94-105 (portr.).
Tuneld, Bot. Not. 1950: 106-116 (bibl.).

COMPOSITE WORKS: (1) Linsbauer, K., ed., *Handbuch der Pflanzenanatomie*, II. Abteilung, Band 6(2) B, g. *Anatomie der Rhodophyceen* by Kylin, p. [i]-viii, [1]-347, 1937.
NOTE: Kylin's final summary, *Die Gattungen der Rhodophyceen*, was published posthumously in Lund, 1956 (xv, 673, p.).

EPONYMY: *Kylinia* Rosenvinge (1909); *Kyliniella* Skuja (1926).

4062. *Studien über die Algenflora der schwedischen Westküste.* Akademische Abhandlung zur Erlangung der Doktorwürde mit Genehmigung der Mathematisch-Naturwissenschaftlichen Sektion der Philosophischen Fakultät zu Upsala zur öffentlichen Beurteilung vorgelegt von Harold Kylin . . . Die Verteidigung wird am 4. Mai 1907 um 10 Uhr vormittags im botanischen Hörsaal stattfinden. Upsala (K. W. Appelbergs Buchdruckerei) 1907. Oct. (*Stud. Alg.-Fl. schwed. W.-Küste*).
Publ.: 4 Mai 1907 (thesis defended; Bot. Zeit. 16 Jun 1907; Nat. Nov. Oct(2) 1907), p. [i]-iv, [1]-287, [288, err.], map, *pl. 1-7*. *Copies*: M, NY, US, USDA.
Ref.: Kuckuck, E. H. P., Bot. Zeit. 66(2): 45-46. 1908.

4063. *Zur Kenntniss der subantarktischen und antarktischen Meeresalgen* II. *Rhodophyceen* . . . Stockholm (Lithographisches Institut des Generalstabs), Berlin W (A. Asher & Co.), Paris (Haar & Steinert, A. Eichler, Succ:r), London W (Dulau & Co.) 1919. Qu. (*Kenntn. Meeresalg.*).
Co-author: Carl Skottsberg (1880-1963).
Publ.: Jan-Jul 1919 (p. 2: Jun 1918; Nat. Nov. Aug 1919), p. [i], [1]-88, *fig. 1-38*, *pl. 1*. *Copies*: FH, NY. – Wissenschaftliche Ergebnisse der Schwedischen Südpolar-Expedition 1901-1903 unter Leitung von Dr. Otto Nordenskjöld Band iv. Lieferung 15. – Part 1, *Phaeophyceen*, by Skottsberg alone, was published in the same series as part 6.

4064. *Studien über die Delesseriaceen* . . . Lund (C. W. K. Gleerup), Leipzig (Otto Harassowitz). s.d. [1924]. Qu. (*Stud. Delesser.*).
Publ.: 1924 (p. iii: printed 7 Mai 1924), p. [1]-111. *Copy*: US. – Lunds Univ. Årsskr. N.F. Avd. 2. Bd. 20. Nr. 6.

4065. *Die Florideenordnung Rhodohymeniales* . . . Lund (C. W. K. Gleerup), Leipzig (Otto Harassowitz) s.d. [1931]. (*Rhodohymen.*).
Publ.: Mai-Oct 1931 (p. [2]: submitted 11 Mar 1931; Nat. Nov. Nov 1931), p. [1]-48, *pl. 1-20*. *Copy*: US. – Lunds Universitets Årsskrift N.F. Avd. 2. Bd. 27. Nr. 11.

4066. *Die Florideenordnung Gigartinales* . . . Lund (Håkan Ohlssons Buchdruckerei) 1932. Oct. (*Gigartin.*)

Publ.: Jun-Aug 1932 (submitted 13 Apr 1932; Nat. Nov. Sep 1932), p. [1]-88, *pl.* 1-28. *Copy*: US. – Lunds Universitets Årsskrift N.F. Afd. 2. Bd. 28. Nr. 8.

Laban, Friedrich Christian (*fl.* 1866), German botanist and high school teacher at Hamburg. (*Laban*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 330; BM 3: 1039; Jackson p. 423; PR 4959; Rehder 5: 480.
Fischer-Benzon, R. J. D. von, *in* P. Prahl, Krit. Fl. Schleswig-Holstein 2: 31. 1890.

4067. *Flora des Herzogthums Holstein*, des Fürstenthums Lübeck, der Stadt Lübeck und deren Umgegend, Anweisung zum Selbstbestimmen aller im Herzogthum Holstein, im Fürstenthum und auf dem Gebiete der Stadt Lübeck wild wachsenden phanerogamischen Pflanzen, für Schüler, angehende Botaniker und Pharmaceuten . . . Hamburg (B.S. Berendsohn) 1866. Oct. (*Fl. Holstein*).
Publ.: 1866 (p. [iv]: Jan 1866; "neu", Flora 29 Jun 1867), p. [i-vi], [1]-250. *Copies*: B, G.

4068. *Garten-Flora für Norddeutschland.* Eine Anweisung zum Selbstbestimmen der in unsern Gärten vorkommenden Bäume, Sträucher, Stauden und Kräuter. Für angehende Botaniker, Gärtner, Lehrer und Blumenliebhaber . . . Hamburg (Otto Meissner) 1867. Oct. (*Gart.-Fl. Norddeutschl.*).
Publ.: Apr-Jun 1867 ("neu", Bot. Zeit. 5 Jul 1867; Flora 8 Oct 1867), p. [i-viii], [1]-314. *Copy*: B.
Ref.: Bary, H. A. de, Bot. Zeit. 25: 304. 20 Sep 1867 (rev.)

Labillardière, Jacques Julien Houttou de (1775-1834), French explorer and botanist; studied medicine at Montpellier; travelled in near East 1786; on expedition to find La Pérouse 1791-1795; from 1828 at Rouen. (*Labill.*).

HERBARIUM and TYPES: Labillardière's herbarium was acquired by Webb (1834) and is now at FI. A nearly complete set of duplicates is also at FI, acquired with the Desfontaines herbarium. It contains the first set of the plants collected by him on the voyage in search of La Pérouse. The most important set of duplicates of these collections was acquired by Delessert (now G). Labillardière's Syrian collections were originally in the Lemonnier herbarium, now at G, and the types of the *Icones plantarum Syriae rariorum* are therefore also at G. The types of his lichens and algae collected on the Pérouse expedition are in part at PC, but in general the types from this expedition are at FI.
Ref.: Wetmore, Rev. bryol. lichénol. 32: 228. 1963 (Tasman. lich.).
Koster, J. T., Taxon 18: 554. 1969.
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Kukkonen, I., Herb. Chr. Steven 64. 1971 (Syrian coll. dupl. at H).
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Apfelbaum, J., Taxon 26(5/6): 541-548. 1977 (Australian material at PH).
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BIBLIOGRAPHY and BIOGRAPHY: AG 3: 81; Backer p. 309; Barnhart 2: 331; BM 3: 1040; CSP 3: 784-785, 16: 528; Dawson p. 514, 906, 941; Dryander 3: 175, 311, 514, 5: 313; Frank 3(Anh.): 54; GF p. 63; GR p. 282-283; Hortus 3: 1197 ("Labill."); HR, IF p. 713; IH 2: 401; Jackson p. 223, 394, 398; Kew 3: 343; Lasègue p. 573; NAF 28B(2): 441; NI 1115-1117; Plesch p. 294; PR 4962-4965; Rehder 5: 480-481; RS p. 111; Saccardo 1: 93; SBC p. 125 ("LaBill."); SK 1: 57-59, 599, 4: clxxi, 8: xiv; ST p. 67-68; TL-2/1: 109; Tucker 1: 405; Urban-Berl. p. 304, 330, 367, 415; Zander ed. 10, p. 682.
Anderson, A. W., The coming of the flowers 95-99. 1950.
Anon., Flora 17: 254. 1834.
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Bonnet, Ass. franç. Avanc. Sci., 20me Session, Marseille 1891: 488-492. 1892 (letters L. to Banks).

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Cameron, H. C., Sir Joseph Banks 212, 123. 1952.
Candolle, A. P. de, Mém. Souvenirs 94, 95, 184, 186, 198. 1862.
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De Beer, G., The sciences were never at War. London 1960.
Diels, L., Pflanzenwelt West-Austral. 41-42, 71. 1906 (Veg. Erde 7).
Flourens, M. J. P., Ann. Mus. Hist. nat., Paris 16: xxi-xlii. 1837, extr. Alg. Konst. Letterbode 1839(1): 148-152, Élog. hist. 207-224. 1857; Tijdschr. nat. Gesch. Physiol. 1 (Boekbesch.): 223-224. 1834.
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Nelson, E. C., Pap. Proc. R. Soc. Tasmania 108: 159-170. 1974 (locations of specimens of *Nov. Holl. Pl.*); Taxon 24: 319-336. 1975 (Collectors, type locations W. Austr.).
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Wakefield, Webbia 9(2): 465-468. 1953 (on L's *Helichrysum* sp.).
Willis, J. H., Plants of the Recherche Archipelago, W.A. Austr. Geogr. Soc. Rep. 1(3a). 1953; add. Muelleria 1(2): 97-101. 1959.
Wilson, E. H., Plant hunting 180, 196. 1927.

HANDWRITING: Candollea 31: 147-148. 1976.

EPONYMY: *Billardiera* J. E. Smith (1793); *Billardiera* Moench (1794); *Billardierites* R. Caspary (1881); *Labillardiera* J. J. Roemer & J. A. Schultes (1819-1820, *orth. var.* of *Billardiera* J. E. Smith (1793).

4069. Decas prima. *Icones plantarum Syriae rariorum*, descriptionibus et observationibus illustratae . . . Lutetiae Parisiorum [Paris], (Impensis autoris, et prostat venalis apud Prevost, . . .) 1791 [decades 2-5: 1791-1812], 5 decades. Qu. (*Icon. pl. Syr.*)

Decas 1: Mar 1791, p. [1]-22, *10* unnumbered *pl.* Imprint as above.
Decas 2: Jul 1791, p. [1]-18, *pl. 1-10*. Imprint: Impensis auctoris prostat Parisiis (apud Prévost, . . .), Argentorati [Strasbourg] (Armand. Koenig.), Taurini [Torino] (Fratres Reycends.), Francofurti (Varrentrapp et Venner.) 1791.
Decas 3: 30 Oct 1809, p. [1]-16, *pl. 1-10*. Imprint: Parisiis (Ex typographiâ Dominae Huzard.) 1809.
Decas 4: 11 Mar 1812, p. [1]-16, *pl. 1-10*. Imprint: as in dec. 3.
Decas 5: 11 Mar 1812, p. [1]-16, *pl. 1-10*. Imprint: as in dec. 3.

Copies: G, MICH, MO, NY, US, USDA. – *Plates*: Uncoloured copper engravings of drawings by Poiteau, P. J. and H. J. Redouté, and Turpin.
Facsimile ed.: Lehre (J. Cramer) 1968; with an introduction by F. A. Stafleu, Historiae naturalis classica tomus lx, ISBN 3/7682-0540-1, p. (i)-xv, followed by facsimile. *Copy*: FAS.
Ref.: Plesch p. 294; Sotheby 430; IDC 5996.
Labillardière, J. J. H. de, Ann. Mus. Hist. nat. 18: 453-460. 1811.
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Stafleu, F. A., Labillardière and the Levant, *in* Stafleu, F. A., Adanson, Labillardière, de Candolle, Lehre 1967, pp. 53-63 and in facsimile edition *Icones*, Lehre 1968, p. v-xv (see also Taxon 17: 307. 1968).

4070. *Relation du voyage à la recherche de la Pérouse*, fait par ordre de l'Assemblée constituante, pendant les années 1791, 1792, et pendant la 1ère. et la 2de. année de la République Françoise. Par le Cen. Labillardière, ... Paris (chez H. J. Jansen, ...), An viii de la République Françoise [1800], 2 vols., Qu. (or Oct.] and atlas. Fol. (*Voy. rech. Pérouse*).

1: 22 Feb-4 Mar 1800 (see TL-1/633), p. [i]-xvi, [1]-442 (quarto).
2: early Apr 1800 (id.), p. [1]-332, vocabulaires [1]-113, [114, err.] (quarto).
Atlas: early Apr 1800 (id.), engr. t.p., map (= *pl. 1*), *pl. 2-44*, uncoloured copper engr. by Piron, P. J. Redouté and Audebert. "Atlas pour servir à la Relation ..."
Copies: G(atlas), NY (text qu., atlas), Teyler (text qu., atlas), U (text qu., atlas), WU (text oct., 1: xvi, 440 p., 2: 332, 109, [2] p.); IDC 6117.
London issue: in two volumes of text (oct.) with the atlas of the Paris issue, *publ.*: 1800. *Copy*: G. – "À Londres, Chez Deboffe, ..."; *1*: [i]-xvi, [1]-440, *2*: [1]-332, vocabulaires [1]-109, [1-2, err.].
English translation: 1800, London (printed for John Stockdale, Piccadilly), 2 vols. Oct. *Copy*: UC (inf. D. E. Johnson).
1: frontisp. [*pl. 27*], [i]-xxxii, map, [33]-487, *pl. 9, 12, 13, 14, 15, 16, 43, 2, 3, 20, 21, 22, 23, 24.*
2: frontisp. [*pl. 28*], [3]-344, [1]-105 "Appendix", [1-6, adv.], *pl. 17, 18, 6, 7, 10, 4, 5, 19, 46, 25, 8, 31, 26, 33, 32, 30, 29, 38, 37, 36, 40, 39, 41, 34, 35, 44, 11, 42.*
Ref.: Kuntze, O., Rev. gen. pl. 1: cxxxii. 1891.
Stafleu, F. A., Adanson, Labillardière, de Candolle 35, 36. 1967, also in introduction to facsimile edition of Novae Hollandiae plantarum specimen, Lehre 1966.

4071. *Novae Hollandiae plantarum specimen* ... Parisiis (ex typographiâ Dominae Huzard.) 1804-1806 [1807]. 2 vols. Qu. (*Nov. Holl. pl.*).
1: [i]-vi, [7]-112, *pl. 1-142*; *2*: [1]-130, [1, err.], *pl. 143-265*.

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	5-7	33-56	*41-70*	late Mai 1805	18	*171-180*	Apr 1806
	8	57-64	*71-80*	Jul 1805	19	*181-190*	9 Jun 1806
	9-10	65-80	*81-100*	Sep 1805	20-21	*191-210*	Jun 1806
	11	81-88	*101-110*	late Sep 1805	22	*211-220*	Jul 1806
	12	89-96	*111-120*	Nov 1805	23	*221-230*	Aug 1806
	13-14	97-112	*121-140*	Dec 1805	24	*231-240*	Mar 1807
			[-142?]		25-26	*241-260*	early Aug 1807
2	15	1-...	*141-150*	Feb 1806	27	*261-265*	Aug 1807

Copies: G, MO, NY; IDC 5998. – *Plates*: Uncoloured copper engr. of drawings by Piron, Poiteau, Sauvage, Turpin, P. J. Redouté and by the author. A number of the originals is at FI with the type specimens.
Facsimile ed.: Lehre (J. Cramer) 1966, with an introduction by F. A. Stafleu, Historiae naturalis classica tomus xlv, ISBN 3-7682-0344-1, p. [i]-xxxxi, followed by facsimile. *Copy*: FAS.

Ref.: Labillardière, J. J. H. de, Ann. Mus. Hist. nat. Paris 6: 451-456, *pl. 63, 64.* 1805, 7: 400-1806 (*Candollea*).
Hart, Victorian Natural. 70: 173-175. 1954.
Steenis-Kruseman, M. J. van, Fl. males. Bull. 19: 1141-1142. 1964.
Stafleu, F. A., Labillardière, "botaniste-voyageur," in *facsimile* edition Lehre 1966; and in Stafleu, F. A., Adanson, Labillardière, de Candolle, Lehre 1967 (p. 16-52) (See also Taxon 15: 238. 1966).
Willis, J. H., Austral. Geogr. Soc. Rep. 1(3a). 1953, Muelleria 1: 97-101. 1959.

4072. *Sertum austro-caledonicum*, . . . Parisiis (ex typographia Dominae Huzard (née Vallat la Chapelle), . . .) 1824-1825, 2 parts. Qu. (*Sert. austro-caledon.*).
Pars prior: 4-9 Oct 1824, p. [i-vi], [1]-39, *pl. 1-41.*
Pars posterior sive ultima: 29-31 Oct 1825, p. [i-iii], [41]-83, *pl. 42-80.*
Copies: G, MO, NY, USDA; IDC 2301. – *Plates*: uncoloured copper engr. of drawings by Turpin; originals in the Lindley Library, London.
Facsimile ed.: Lehre (J. Cramer) 1968, with an introduction by F. A. Stafleu. Historiae naturalis classica tomus lix, ISBN 3-7682-0541-x, p. [i]-vi, followed by facsimile. *Copy*: FAS. – See also Taxon 17: 568. 1968.

4073. *Mémoire sur le palmier Nipa*; par M. Houton La Billardière . . . s.l.n.d. [Paris, 1819]. Qu.
Publ.: 1819, p. [1]-7, *pl. 22*[-*23*]. *Copy*: G. – Reprinted from Mém. Mus. natl. Hist. nat. 5: 297-304, *pl. 22-23.* 1819 (published late 1819 or early 1820). To be cited from journal.

Labouret, J. (*fl.* 1858), French cactus grower at Raffec, Charente. (*Labour.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 331; BM 3: 1040; CSP 3: 787; Hortus 3: 1197 ("Labour."); Jackson p. 126; Kew 3: 343; Langman p. 423; PR 4966; Rehder 5: 481; Tucker 1: 406; Zander ed. 10, p. 682.

4074. *Monographie de la famille des Cactées*, comprenant la synonymie, les diverses méthodes de classification proposées jusqu'à ce jour pour sa division en genres et sous-genres, et quelques notes sur la germination et la physiologie; suivie d'un traité complet de culture et d'une table alphabétique des espèces et variétés . . . Paris (Dusacq, . . .) s.d. [1853], 18-mo. (*Monogr. Cact.*).
Publ.: 1853 (Bot. Zeit. 3 Mar 1854; Rev. hort. ser. 4. 2: 159), p. [i]-xlvii, [1]-682, [1-2, err.]. *Copies*: L, MO, NY, US, USDA. – See also Neue Blumen-Zeitung 28(13): [97]-100. 31 Mar 1855 and 28(14): 105-107. 7 Apr 1855 for further new taxa.

Labram, Jonas David (1785-1852), Swiss botanical artist at Basel (*Labram*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 331; BM 3: 1040; NI 1118-1119; PR (alph.) (ed. 1: 5483-5484); Rehder 5: 481.
Anon., Verh. naturf. Ges. Basel 19(1): frontisp. 1907.
Blunt, W., Art. bot. Ill. 221, 264. 1950.
Burckhardt, Verh. naturf. Ges. Basel 19: 1-36. 1907/08.
Geiger, Verh. naturf. Ges. Basel 56: 372-389. 1945; Stultifera Navis 3: 28-33. 1946 (portr., full bibl.).
Senn, Verh. naturf. Ges. Basel 54: 304-326. 1943 (on his publ. with Hegetschweiler, q.v.).
Tecoz, Librarian 15(3): 166-179. 1972 (on Hegetschweiler and Labram).

COMPOSITE WORKS: (1) Drew the illustrations for J. Hegetschweiler, *Die Giftpflanzen der Schweiz* (see no. 2564).
(2) For a complete list of Labram's works see Geiger, 1946, cited above.

EPONYMY: *Labramia* Alph. de Candolle (1844).

Lacaita, Charles Carmichael (1853-1933), British amateur botanist of Italian descent; country gentleman of independent means; specially interested in the flora of Italy; collected in Sikkim (1913) and Spain (1925-28). (*Lacaita*).

HERBARIUM and TYPES: BM. – For duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(3): 35; Barnhart 2: 331; BL 2: 347, 485, 489, 490, 677; BM 3: 1040, 7: 595; Clokie p. 196; CSP 16: 534; Desmond p. 366-367; Hortus 3: 1198 ("Lacaita"); HU 321; IF suppl. 2: 37; IH 2: 401; Kew 3: 344; Plesch p. 294 (alph.); Saccardo 1: 93; SO 3530.
Anon., J. Bot. 71: 238. 1933.
Cavillier, F. G., Boissiera 5: 58. 1941.
Pampanini, R., Nuovo Giorn. bot. ital. ser. 2. 40: 447-452. 1933 (portr., bibl.).
Pugsley, H. W., Proc. Linn. Soc. London 146: 160-162. 1934.
Urban, I., Gesch. Bot. Mus. Berlin-Dahlem 367. 1917.
Willkomm, M., Grundz. Pflanzenverbr. Iber. Halbinsel 21. 1896 (Veg. Erde 1).
Wilmott, A. J., J. Bot. 71: 259-262. 1933.

EPONYMY: *Lacaitaea* A. Brand (1914).

4075. *Piante italiane critiche o rare* s.l. [for later imprints see below] 1910-1925. Oct. (*Piante ital. crit.*).
Publ.: A series of papers, originally published in the *Bull. Soc. bot. ital.* and *Nuovo Giorn. bot. ital.* as follows.

numbers	pages	journal publ.	submitted
1	[1]-5	Bull.	12 Mar 1910
2	[1]-4	Bull.	12 Nov 1910
3	[1]-10	Bull.	10 Jun 1911
4	[1]-6	Bull.	11 Nov 1911
5	[1]-7	Bull.	11 Mai 1912
6	[1]-18	Giorn. 19(3)	Jul 1912
7/8	[1]-7, *pl. 7-8*	Giorn. 20(2)	Apr 1913
9	[1]-15, *pl. 2-11*	Giorn. 22(2)	Apr 1915
10-61	[1]-142, *pl. 1-6*	Giorn. 25(1-3)	1918
62-73	[1]-44, *pl. 3-4*	Giorn.	
74-83	[1]-23, *pl. 3-4*	Giorn.	
84-90	[1]-22	Giorn. 30(3-4)	1923
91-97	[1]-20, *pl. 1-3*	Giorn. 31( )	1924
98-102	[1]-15, *pl. 1-5*	Giorn. 32( ):102-114.	1925
103-	[1]-19, [20]	Giorn. 32( )	1925
-127			1927

Copy: G. – Imprints: 62-73, 74-83: Mazzocchi, Officina tipographica Mugellana, Borgo S. Lorenzo; 84-98, 98-102, 103: Tip. Valbonesi, Forli, 1923-1925.

Lachenal, Werner de (1736-1800), Swiss botanist; Dr. med. Basel 1759; professor of anatomy and botany at Basel (1776-1800) (*Lachen.*).

HERBARIUM and TYPES: BAS; some other material at BM, LIV.
Ref.: Binz, A., Verh. naturf. Ges. Basel 19(3): 148-150. 1908.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 310; Barnhart 2: 332; BM 3: 1042 (Wernerus de La Chenal); Dryander 3: 80, 151, 5: 313; IH 1 (ed. 6): 361, 2: 402; PR 4968-4969; Rehder 5: 481; Tucker 1: 406.
Christ, H., Verh. naturf. Ges. Basel 29: 1-59. 1918 (corr. with Haller).
Kirschleger, F., Fl. Alsace 2: xlii. 1857.

EPONYMY: *Lachenalia* J.F. [sic] Jacquin (1780-1784).

4076. D.B. *Specimen inaugurale observationum botanicarum,* quod gratiosae facultatis medicae gradum legitime consequendi publice defendet Wernerus de La Chenal ad diem [30] martii mdcclix. h.l.q.s. Basiliae [Basel] (Typis Joh. Henr. Deckeri, Acad. Typogr.) s.d. [1759]. Qu. (*Spec. observ. bot.*).
Publ.: 30 Mar 1759, p. [i-ii], [1]-16. *Copies*: M, NY.

4077. D.B. *Observationes botanico-medicae* quas ex decreto amplissimi senatus academici occasione vacantis cathedrae anatomico-botanicae clarissimorum competitorum publico examini submittit Wernerus de La Chenal ph. et med. doctor. Respondente juvene florentissimo Daniele Wolleb a.l.m. et med. stud. ad diem 26. Novemb. mdcclxxvi, H. L.Q.S. Basiliae [Basel] (Typis, Joh. Rudolphi Im-Hof et Filii) [1776]. Qu. (*Observ. bot.-med.*).
Publ.: 26 Nov 1776, p. [1]-16, *1 pl.* (uncol. copper engr.) *Copies*: G, MO, NY.
Reprinted: In Usteri, P., Delectus opusc. bot. 1, no. 4. 1790.

Lachmann, Heinrich Wilhelm Ludolph (1800-1861), German physician and botanist at Braunschweig. (*Lachm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1042; CSP 3: 790; Jackson p. 302; Kew 3: 346; PR 4970 (ed. 1: 5485); Rehder 5: 481.

4078. *Flora brunsvicensis,* oder Aufzählung und Beschreibung der in der Umgegend von Braunschweig wildwachsenden Pflanzen . . . Braunschweig (bei G. C. E. Meyer) 1827-1831, 2 vols. (in 3). Oct. (*Fl. brunsvic.*).

1: Sep-Dec 1827 (p. x: 23 Mai 1827, p. xliv: Aug 1827), p. [ii]-xlvi, [1-2, err.], [1]-324, map, 4 charts.
2(1): Jun-Dec 1828 (p. xiv: Mai 1828; Acad. rd. 12 Jan 1829), p. [ii]-xiv, [1]-496.
2(2): 1831, p. [1]-352.
Copies: G, Regensburg. – *Alt. t.p.* vol. 1: "Flora der Umgegend von Braunschweig . . ." – Lachmann was a pioneer ecologist and geobotanist who pointed out correlations between certain plant associations and environmental conditions (Drude).
Ref.: Anon., Flora 11: 192, 561-569. 1828, 12: 746. 1829; Lit. Ber. Flora 1: 117-126. Mai-Jun 1831 (rev. 2(1,2)).
Drude, C. G. O., Hercyn. Florenbezirk 10, 14. 1902 (Veg. Erde vol. 6).

Lachot, Henri (1850-?), French botanist and high school teacher at Magny-la-Ville, Semur (Côte-d'Or). (*Lachot*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 142, 677; BM 3: 1042; Rehder 5: 481.
Anon., Bull. Acad. int. Géogr. bot. 12: 113. 1903, 13: 13. 1904; Monde Pl. 7(99): 74. 1898.

4079. *Flore élémentaire* comprenant toutes les plantes phanérogames croissant spontanément ou cultivées en grand dans l'arrondissement de Semur avec des clefs analytiques simples et faciles, permettant de déterminer avec la plus grande précision les espèces les plus communes des départements de la Côte-d'Or, de l'Yonne, de Seine-et-Marne, de Seine-et-Oise, de la Seine et de l'Oise. Édition spéciale aux écoles précédée d'un vocabulaire des principaux termes employés dans l'ouvrage par Henry Lachot . . . Chez l'Auteur, à Magny-la-Ville, par Semur (Côte-d'Or). 1884. Oct. (*Fl. élém.*).
Orig. issue: 1884 (p. vi*-viii*: 16 Mai 1884), p. [i*-viii*], [i]-xvi, 1-240. *Copy*: B. – Holographic, reproduced by lithography; effectively published under ICBN art. 29.
Later issue: 1886 (J. Bot. Nov 1886; Nat. Nov. Jan(1) 1887), p. [i]-xvi, 1-240, n.v. (BM).

4080. *Flore de l'Arrondissement de Semur* (Côte-d'Or). Comprenant toutes les plantes spontanées ou cultivées en grand dans cet arrondissement. Avec des clefs analytiques d'un emploi sûr et facile pour parvenir promptement et sans maître à la détermination de ces plantes Semur (Imprimerie L. Renoir) 1835, 2 parts. Oct. (*Fl. Semur*).

Part 1: Jul 1885 (p. 5: 16 Dec 1884; Nat. Nov. Aug(1) 1886; Bot. Zeit. 24 Sep 1886), p. [1]-107.
Part 2(1): 1890, p. [109]-386, 1 table.
Part 2(2): 1899, p. [389]-714.
Copy: G. – 1299 species of vascular plants; biogr. notes on local botanists.

Lackowitz, August Wilhelm (1836-1916), German botanist; high school teacher in Berlin. (*Lackow.*).

HERBARIUM and TYPES: Unknown; some material at E and L. (via Kneucker, *Carices exs.*).
Ref.: Hedge, I. C. and J. M. Lamond, Ind. coll. Edinburgh 100. 1970.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 332; BM 3: 1042; IH 2: 402; Jackson p. 299, 302; Kew 3: 346; Langman p. 424; PR 4972; Rehder 5: 481; TL-2/196; Tucker 1: 406.
Anon., Bot. Not. 1916(6): 282; Verh. bot. Ver. Brandenb. 58: 277. 1917.
Ascherson, P. F. A., Fl. Prov. Brandenburg 1: 8. 1864.
Degen, A., Magy. bot. Lap. 16: 182. 1917.

COMPOSITE WORKS: Ascherson's *Flora der Provinz Brandenburg* . . . Im Auszuge bearbeitet, 1866, see TL 2/196.

4081. *Flora von Berlin.* Anleitung die im weiteren Umkreise von Berlin wildwachsenden und häufiger cultivirten Pflanzen. (*Fl. Berl.*).

Ed. [1]: Jan-Jul 1868 (Hedwigia Aug 1868; Flora 30 Sep 1868; Bot. Zeit. 22 Jan 1869), n.v.
Ed. 2: 1873 (Bot. Zeit. 27 Jun 1873), n.v.
Ed. 3: 1877 (Bot. Zeit. 25 Mai 1877), n.v.
Ed. 4: Jan-Apr 1879 (Nat. Nov. Mai(1) 1879; Bot. Zeit. 13 Jun 1879), p. [i]-xxiv, [1]-252. *Copy*: WAG. – "Flora von Berlin und der Provinz Brandenburg. Anleitung . . ." Berlin (Verlag von Friedberg & Mode) 1879. Oct.
Ed. 5: 1881, p. [i]-xxiv, [1]-252. *Copy*: M. – Berlin (id.). 1881. Oct.
Ed. 6: Mai 1886 (Nat. Nov. Mai(2) 1886; Bot. Zeit. 28 Mai 1886 p. [i]-xxiv, [1]-253. *Copy*: B. – Berlin (id.) 1886. Oct.
Ed. 7: Mar 1889 (Nat. Nov. Mar(1) 1889; Bot. Zeit. 29 Mar 1889).
Ed. 8: Mai 1891 (Nat. Nov. Mai(2) 1891; Bot. Zeit. 29 Mai 1891), p. [i]-xxv, [1]-254. *Copy*: B. – Berlin (id.) 1891. Oct.
Ed. 9: 1894, p. [i]-xxv, [1]-254. *Copy*: B. – Berlin (id.) 1894. Oct.
Ed. 10: Jun 1896 (Nat. Nov. Jun(2) 1896; Bot. Zeit. 1 Jul 1896), n.v.
Ed. 11: Jul 1898 (Nat. Nov. Jul (1, 2) 1898 sic), p. [i]-xxiv, [1]-272. *Copy*: M. – Berlin (id.), t.p.: 1899. Oct.
Ed. 12: Oct 1900 (t.p. 1901; Bot. Zeit. 1 Jan 1901; Nat. Nov. Oct(2) 1900), p. [i]-xlii, [1]-297. *Copy*: Regensburg. – Berlin (id.) 1901. Oct.
Ed. 13: Apr 1903 (Nat. Nov. Mai(1) 1903), p. [i]-xlii, [1]-297.
Ed. 14: Oct 1905 (Nat. Nov. Nov(1) 1905), p. [i]-xlii, [1]-301.
Ed. 15: Jun 1908 (Nat. Nov. Jun(2) 1908), p. [i]-xlii, [1]-301.
Ed. 16: 1909, p. [i]-xlii, [1]-302. *Copies*: G, Regensburg. – Berlin (id.) 1909. Oct.
Ed. 17: Oct 1911 (Nat. Nov. Nov(1) 1911, Jun(1) 1912), p. [i]-xlii, [1]-302. *Copy*: HH. – Berlin (id.) 1911. Oct.
Ed. 18: n.v.
Ed. 19: late 1915 or early 1916 (Nat. Nov. Mar 1916), p. [i]-xlii, [1]-302. *Copy*: BR. – Berlin (id.) 1915. Oct.
Ed. 20: n.v.
Ed. 21: 1921, p. [1]-xlii, [1]-302. *Copy*: B. – Berlin (id.) 1921. Oct.
Ref.: Anon., Bot. Zeit. 27: 69. 1869 (ed. 1), 31: 415. 1873 (ed. 2), 35: 344. 1877 (ed. 3), 37: 392, 545-546. 1879 (ed. 4), 38: 278. 1880 (ed. 4).

4082. *Flora von Nord- und Mittel-Deutschland.* Anleitung, die in Nord- und Mittel-Deutschland wild wachsenden und häufiger cultivirten Pflanzen auf eine leichte und sichere Weise durch eigene Untersuchung zu Bestimmen . . . Berlin (Verlag von Friedberg & Mode.) 1879. Oct. (*Fl. N. Mitt.-Deutschl.*).

Orig. ed.: Jul-Aug 1879 (p. v: Spring 1879; Bot. Zeit. 22 Aug 1879), p. [i]-xxiv, [1]-359. *Copies*: B, G, NY, US. – A reissue dated 1880 (Jackson p. 299) has not been seen by us.
Ed. 2: 1908 (Bot. Zeit. 1 Dec 1908, 1 Jan 1909; Nat. Nov. Oct (2) 1907, sic), p. [i]-xlii, [1]-391. *Copy*: B. – "Zweite, vielfach umgearbeitete Auflage." Berlin (id.) 1908. Oct.
Ed. 3: 1910? (Nat. Nov. Jun(1) 1912 as of "1911"), p. [i]-xlii, [1]-391. *Copy*: BR. – "Dritte, vielfach umgearbeitete Auflage." Berlin (id.). Oct.

Lacoizqueta, José Maria de (1831-1891), Spanish clergyman and botanist at Navarte in Navarra. (*Lacoizq.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 332; BL 2: 505, 506, 697; BM 3: 1042; Colmeiro 1: clxxi; CSP 16: 538; GR p. 761; Kew 3: 346.

4083. *Catálogo de las plantas* que espontáneamente crecen *en el Valle de Vertizarana*, . . . s.l.n.d. [Madrid 1884-1885]. Oct. (*Cat. pl. Vertizarana*).
Publ.: in two parts in Anales Soc. esp. Hist. nat. 13 and 14, 1884 and 1885 and reprinted as a whole with separate pagination, p. [1]-150. *Copy*: G. – 834 species of vascular plants, 463 species of cellular plants.
1: [1]-95, Anales 13: 131-225. 1884 (session 7 Nov 1883).
2: 97-150, Anales 14: 185-238. 1885 (session 4 Feb 1885).

4084. *Diccionario de los nombres euskaros de las plantas* en correspondencia con los vulgares, castellanos y franceses y científicos latinos . . . Pamplona (Imprenta provincial, . . .) 1888. (*Dicc. nombr. eusk. pl.*)
Publ.: 1888, p. [1]-200, [1-2, err.]. *Copy*: BC. – Information kindly provided by O. de Bolos, 5 Oct 1977. For further details see A. de Bolos in BL 2: 506. – Latin, Castillian and French plant names.

Lacouture, Charles (1832-1908), French botanist; teacher of natural sciences at the Collège Saint-Clément de Metz until 1872; later at Dijon. (*Lacout.*).

HERBARIUM and TYPES: Unknown. Lacouture had a private herbarium. Duplicates are in the herbarium of the American Bryological Society (ABSL).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 333; BM 7: 596; Kew 3: 346; SBC p. 125 ("Lac.").
Anon., Rev. bryol. 32: 100. 1905, 35: 100, 38: 22. 1911.
Friren, Rev. bryol. 35: 145. 1908.
Haynes, C. C., Bryologist 13: 10. 1910.
Lamy, D., Rev. bryol. lichénol. 42(1): 562-564. 1976.
Schuster, R. M., Hep. Anthoc. N. Amer. 1: 68. 1966.

4085. *Hépatiques de la France.* Tableaux synoptiques des caractères saillants des tribus, des genres et des espèces avec plus de 200 figures représentant toutes les espèces de la flore française. Paris (Paul Klincksieck . . .) 1905. Qu. (*Hépat. France*).
Publ.: prob. Sep 1905 (Rev. Bryol. Oct 1905), p. [i]-iv, [5]-78, [1, err. slip]. *Copies*: G, Gradstein, PC. – Half-title: *Atlas des hépatiques de la France.*
Ref.: Haynes, C. C., Bryologist 9(2): 28-29. 3 Mar 1906.

4086. *Hépatiques foliées de la France* tableaux synoptiques pour faciliter la détermination des tribus, des genres et des espèces dont 150 figures donnent le croquis. [Dijon 1905, not published].

NOTE: Not effectively published; autograph manuscript of which only a very small number were written out ("autographié à un très petit nombre d'exemplaires"), distributed with the statement that the manuscript remained unpublished, preface dated Dijon Apr 1905. Title-page and note on non-publication printed; other pages "manuscript." *Copy*: PC. – In view of the author's statement that the text remained private and not published, it remains not

effectively published (ICBN 29.1) because the "domaine privé" mentioned in the printed note does not constitute "distribution to the general public . . ." even if the autograph should prove to be "indelible". We are grateful to Dr. D. Lamy for making copies of the relevant pages available to us.

4087. *Genera hepaticarum.* Clé synoptique avec figures de tous les genres connus d'hépatiques à l'exception des dérivés de l'ancien Lejeunea (publiés précédemment) et des cinq nouveaux genres monotypes, Bucegia, Ascidiota, Mesoptychia, Gollaniella et Massalongoa . . . Dijon (Librairie Venot . . .) 1910. Qu. (*Gen. hepat.*).
Publ.: 1910 (Nat. Nov. Jan(2) 1911; Rev. Bryol. Jan 1911), p. [1]-46, *142 figs. Copies*: FH, NY, PC (inf. D. Lamy). – For L's treatment of the "ancien Lejeunea" see his *Clé analytique . . .*, Rev. bryol. 35(4): 101-114. 1908 (also as reprint, see Rev. Bryol. 35: 100. 1900).
Ref.: Haynes, C. C., Bryologist 14(6): 106-107. 17 Nov 1911.

Lacroix, Louis-Sosthène Veyron de (1818-1864), French clergyman and botanist at Montmorillon, Saint-Romain-sur-Vienne, ultimately "Aumônier des Petites Soeurs des Pauvres" at Poitiers. (*Lacr.*).

HERBARIUM and TYPES: Lacroix left a herbarium of the Poitou region upon his death; the present location is unknown but Sayre (mss) mentions that his bryophytes are at BM (Schimper herb.). Some further material is at MW.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1043; GR p. 332; IH 2: 402; NAF 7(15): 1074; PR 4974; Rehder 5: 482; SBC p. 125 ("Lacr."); Stevenson p. 1248.
Anon., Actes Soc. Linn. Bordeaux 25: 652. 1864; Bull. Soc. bot. Deux-Sèvres 18: *pl. 3.* 1907; Bull. Soc. bot. France 12: vii. 1865; Österr. bot. Z. 15: 90. 1865; Bot. Zeit. 23: 12. 6 Jan 1865; Flora 48: 60. 17 Feb 1865.
Chaboisseau, Bull. Soc. bot. France 12: 5-6. 1865.

4088. *Nouveaux faits constatés relativement à l'histoire de la botanique* et à la distribution géographique des plantes de la Vienne . . . Caen (Typ. de A. Hardel, . . .) 1857. Qu. (*Nouv. faits*).
Publ.: 1857, p. [i], [1]-32. *Copies*: G, NY. – Reprinted from Mém. Inst. des Provinces (journal publ. n.v.). Intended to supplement Delastre, *Flore de la Vienne.*
Ref.: Anon., Bul. Soc. bot. France 5: 184. Jul-Dec 1858.

Lademann, Johann Matthias Friedrich (1760-1810), German botanist; born at Hasselberg, Altmark; Dr. phil. Helmstadt 1785. (*Lademann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 333; PR 4975; Rehder 5: 482.

4089. *De systematibus plantarum* dissertatio. Qvam amplissimi philosophorum ordinis auctoritate et consensu in juleo majori die xiii. maji a.r.s. [md] cclxxxv. Praeses Joannes Matthias Fridericus Lademann . . . disceptandam proponit respondente Friderico Christiano Stephenson brunsvicensi . . . Helmstadii (Literis viduae Paul. Dict. Schnorrii acad. typogr.) s.d. [1785]. Qu. (*Syst. pl.*)
Publ.: 13 Mai 1785, p. [i*], [i]-xxiv. *Copy*: MO. – The "praeses" must be considered the author of the text.

Laestadius, Carl Petter (1835-1920), Swedish botanist; high school teacher at Umeå 1861-1913; nephew of Lars Levi Laestadius. (*C. Laest.*).

HERBARIUM and TYPES: Material at C, F, H, MW.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 531-532, 551, 677; BM 3: 1044; Bossert p. 224; CSP 8: 146; IH 2: 403; Kew 3: 347; KR p. 364; Lasègue p. 573; PR 4976; TR 738.
Anon., Bot. Not. 1863: 105, 1920: 111.
Laestadius, C. P., Bot. Not. 1863: 105-116 (flora Umeå).

EPONYMY: *Laestadia* Auerswald (1869); *Laestadites* Meschinelli (1892); *Paralaestadia* P. A. Saccardo ex Theissen & H. Sydow (1918); *Paralaestadia* P. A. Saccardo exVainio (1921).

4090. *Bidrag till kännedomen om växtligheten* i Torneå Lappmark. Akademisk Afhandling, som med tillstånd of vidtberömda Fakulteten i Uppsala, for filosofiska gradens erhållande kommer att offentligen försvaras af Carl Petter Laestadius, . . . å mindre Gustavianska lärosalen i Uppsala d. 28 April 1860, p.v.t.f.m. Upsala (Edquist & K.) 1860. Oct. (*Bidr. växtligh.*).
Publ.: 28 Apr 1860, p. [i], [1]-46. *Copy*: NY. – For later publications see BL.

Laestadius, Lars Levi (1800-1861), Swedish clergyman and botanist; born in Arjepluog (Lapland); clergyman at Karesuando (1825-1848) and Pajala (Norrbotten) (1848-1861); pupil of Wahlenberg. (*Laest.*).

HERBARIUM and TYPES: JYV, H and S; duplicates, B, BM, C, E, FI, G, L, P, SBT, UPS.
Ref.: Valovirta, E. J., Mem. Soc. Fauna Fl. fenn. 43: 78-79. 1967 (coll. at Jyväskylä; portr.).

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 268; Barnhart 2: 333; Bossert p. 224; CSP 3: 794; IH (ed. 6): 126, 2: 403; Kew 3: 347; KR p. 364-365; Lasègue p. 573; PR 4977-4978 (ed. 1: 5486); Rehder 5: 482.
Anon., Bot. Not. 1841: 40, 57, 64, 1856: 74, 1916: 273.
Scheutz, N. J. W., Bot. Not. 1863: 70.
Wittrock, V. B., Acta Horti Berg. 3(2): 46. 1903, 3(3): 20. 1905.

HANDWRITING: Mem. Soc. Fauna Fl. fenn. 43: 83. 1967.

EPONYMY: *Laestadia* Kunth ex Lessing (1832) is probably dedicated to him.

4091. *Botaniska Anmärkningar*, gjorda i Lappmarken och tillgråsande Landsorter . . . Stockholm (Tryckte hos J. P. Lindhs Enka) 1823. Oct. (*Bot. Anmärkn.*).
Publ.: 1823, p. [1]-18. *Copy*: G. – Reprinted from Sv. Vet.-Akad. Handl. 1822: 327-342 (see Krok, KR p. 364, no. 1).

Laffon, J. C. (*fl.* 1848), Swiss botanist at Schaffhausen. (*Laffon*).

HERBARIUM and TYPES: SCH; further material at MB.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1044; IH 2: 403; PR 4979; Tucker 1: 406.

EPONYMY: *Laffonia* O. Heer (1877).

4092. *Flora des Cantons Schaffhausen* . . . Schaffhausen (Buchdruckerei der Brodtmann'schen Buchhandlung) 1848. Qu. (*Fl. Schaffhausen*).
Publ.: 1848, p. [i], [1]-47, [i]-iv. *Copy*: NY. – Reprinted from Verh. schweiz. Ges. Naturw. 1827: 257-303.

La Fons, Alexandre de, Baron de Mélicocq (1802-1867), French botanist at Noyon. (*La Fons*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 334; BL 2: 115-116, 190, 677; CSP 3: 795-796, 8: 147; LS 14726; PR 4981; Rehder 5: 482; Tucker 1: 406.

4093. *Prodrome de la flore des arrondissements de Laon, Vervins, Rocroy* et des environs de Noyon, . . . Noyon (Imprimerie de Soulas-Amoudry) 1839. Oct. (*Prodr. fl. Laon*).
Publ.: 1839, p. [i-ii], [1]-68, [69-70, cont., err.]. *Copy*: NY.

Lagarde, Joannes Joseph (1866-?), Strassburg mycologist; Dr. sci. nat. Paris 1906. (*Lagarde*).

HERBARIUM and TYPES: Some material at STR.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 236, 325; Barnhart 2: 334; BL 2: 150; IH 2: 403; LS 14727-14729, 35747, suppl. 15327-15336.

4094. Serie A no. 520. N° d'ordre 1237. Thèses présentées à la Faculté des sciences de Paris pour obtenir le grade de docteur ès sciences naturelles par J. Lagarde ... 1re thèse. – *Contribution à la connaissance des discomycètes charnus* ... soutenues le [ ] Mai 1906 ... Burg (Druckerei A. Hopfer) 1906. Oct. (*Discomyc. charn.*)
Publ.: 30 Apr 1906 (Nat. Nov. Jun(2) 1906), p. [1]-141, [1, thèse], *pl. 3-4*. *Copy*: FH. – Reprinted from Ann. mycol. 4(2): 125-201, *pl. 3-4*. 30 Apr 1906, 4(3): 203-256. 5 Jun 1906.

4095. J. Lagarde ... *Discomycètes de France* ... Paris (La Pensée française ...) 1923-1924. Oct. (*Discomyc. France*).
1. Les Morilles: 1923, p. [1]-35, *pl. 1-5*.
2. Les Helvelles: 1924, p. [37]-82, *pl. 6-12*.
Copy: FH.

Lagasca y Segura [La Gasca], **Mariano** (1776-1839), Spanish botanist at the Madrid botanical garden; in exile to England 1822; in Jersey 1831-1834; back to Spain 1834-1839. (*Lag.*).

HERBARIUM and TYPES: original herbarium destroyed during his flight from Madrid to Gibraltar (1822). Some material at MA, but also in BR, BM, C, FI, G, LD, MEXU. Types probably mainly at MA and FI. Exsiccatae: *Hortus siccus londinensis*; or a collection of dried specimens of plants, growing wild within twenty miles round London, named on the authority of the Banksian herbarium, and other original collections, – four fascicles with accompanying text: 1, Dec 1827, 25 specimens; 2, early 1827, 25 specimens; 3, early April 1827, 30 specimens; 4, Jul-Dec 1827, 40 specimens (81-110, and Suppl. 111-120). No new species are described. Sets at MICH (1-4), and OXF (1-3). McVaugh (1968) reports the existence of a further two complete copies in Mexico City.
Ref.: Druce G. C., and Britten J., J. Bot. [London] 46: 163-170. 1908.
McVaugh, R., Mich. Botanist 7: 11-13. 1968 (*Hort. sicc. Lond.*).
Bellot and Casaseca, Lagascalia 5(1): 15-26. 1975 (type species at MA).

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 164, 5(2): 2; Backer p. 311; Barnhart 2: 334; BB p. 179; BM 3: 1044; Clokie p. 196; Colmeiro 1: clxxxii-clxxxiii; CSP 3: 801-802; Desmond p. 367; Frank 3(Anh.): 54; GR p. 761; Hortus 3: 1198 ("Lag"); IF p. 713; Jackson p. 446; Kew 3: 347; Langman p. 424; Lasègue p. 348; LS 14730; MW p. 260; NAF 28B(2): 441, ser. 2. 2: 163, 5: 245; PR 4982-4988; Rehder 5: 482; SBC p. 125 ("Lag."); TL-2/1: 1066; Tucker 1: 407; Zander ed. 10, p. 682.
Alvarez Lopez, Anal. Inst. bot. Cavanilles 18: 9-13, 37. 1960 (portr.).
Anon., Flora 2: 63. 1819, 24: 176. 1841; Proc. Linn. Soc. 1: 71-72. 1840 (1849).
Bellot Rodriguez, F., Lagascalia 6(2): 203-208. 1976 ("Lagasca como politico").
Bellot Rodriguez, F. et al., Simposio conmerativo del centenario de Lagasca, Sevilla 1976: 47. (abstract only; fide Kew Rec.).
Britten, J., J. Bot. 46: 169-170. 1908.
Britten, J., and Jackson, B. D., J. Bot. 62: 355-358. 1924 ("347"-"350") (Lagasca in England).
Bulguerias, Anal. Inst. Bot. Cavanilles 10(1): 119-127. 1951 (letter to Bardají, 1808).
Candolle, A. P. de, Mém. souvenirs 216, 218-219. 1867.
Carrasco, Lagascalia 6(2): 219-221. 1976 (two species).
Carreno, Ann. Sci. nat. ser. 2. 14: 146-161. 1840.
Casaseca, Lagascalia 6(2): 191-201. 1976 (life).
Colmeiro, M., La botánica y los botanicos de la peninsula hispano-lusitana 191-195. 1858.
Constance et al., Rev. Biol. trop. 23: 137-153. 1975 (letter by L. to de Candolle).
Dawson, W. R., Smith papers 62. 1934 (letter to J. E. Smith).
Fernandez-Galiano y Valdes, Lagascalia 6: 179-189. 1976.
Hooker, W. J., Bot. Misc. 1: 64. 1829.

Kent, D. H., Hist. fl. Middlesex 20. 1972.
Lester-Garland, L. V., Fl. Island Jersey x. 1903.
Malato-Beliz, Lagascalia 6(2): 209-214. 1976 (L. and Vavilov).
Muñoz Medina, D. J., Hist. Desarr. Bot. Espana 10, 20-21. 1969.
Prosper, Eduardo Reyes, Dos noticias historicas del ... d. Antonio José Cavanilles y d. Mariano La Gasca y Segura, Madrid 1912 (Lagasca p. 210-251; n.v., copy at LINN).
Steele, A. R., Flowers for the King 302-303, 308, 322, 325-326. 1964.
Téllez Molina, Lagascalia 6(2): 215-218. 1976 (L. as agric. botanist).
Willkomm, M., Grundz. Pflanzenverbr. Iber. Halbins. 7-8, 25. 1896 (Veg. Erde 1).
Wittrock, V. B., Acta Horti Berg. 3(3): 166. 1903.
Yannez y Girona, Elogio historico de Mariana Lagasca y Segura. Madrid 1840. Oct. (fide PR ed. 1, p. 358; portr.); Bot. Zeit. 1: 334-335. 1843 (extr.).

HANDWRITING: Anal. Inst. Bot. Cavanilles 10(1): 123-126. 1951; Candollea 31: 149-150. 1976.

COMPOSITE WORKS: Lagasca and S. de Rojas Clemente, Introducion a la criptogamia de Espana, *Anal. Ci. nat. Madrid*, 5(14): 135-215. Aug 1802 (see e.g. SY p. 12).

EPONYMY: (genera): *Lagasca* Cavanilles (1803, *orth. rej.*); *Lagascea* Cavanilles; corr. Willdenow (1809, *orth. et nom. cons.*); (journal): *Lagascalia*. Sevilla. Vol. 1-x. 1971-x.

4096. *Amenidades naturales de las Españas*: o bien disertaciones varias sobre las producciones naturales espontaneas, ó conaturalizades en los dominios españoles ... Orihuela. (En la Imprenta de la Muy Ilustre Junta) Año de 1811 [numero segundo 1821]. Qu. (*Amen. nat. Españ.*)
1(1): 1811 (pref. 19 Apr 1811), p. [i]-xi, [1]-44.
1(2): 1821 (p. 60: 15 Jul 1821), p. [45]-111. – *Imprint*: Madrid (por Ibarra, Impresor de cámara de S.M.) 1821.
Copies: G, MO (part 1), NY, P, USDA; IDC 5999.

4097. *Elenchus plantarum*, quae in horto regio botanico matritensi colebantur anno mdcccxv. Cum novarum, aut minus cognitarum stirpium diagnosi, nonnullarumque descriptionibus contractis. Matriti [Madrid] (ex typographia Regia) 1816. Qu. (*Elench. pl.*).
Publ.: Jun-Dec 1816 (prob. Jun-Jul; in a letter from Lagasca to A. P. de Candolle (G), dated pridie kal. Junii [31 Mai] 1816; the former states that the work is being printed [information R. McVaugh]; p. [v] dated kalendis Aprilis 1816). – The *Elenchus* consists of unnumbered pages [i-viii] containing title-page and preface, and p. [1]-20 containing the *Elenchus* itself followed by 35 pages (printed as [[1]]-[35]) containing the *Generum specierumque plantarum novarum aut minus cognitarum diagnoses*. This text was also issued separately (PR 4985) under the title: *Genera et species plantarum, quae aut novae sunt, aut nondum recte cognoscuntur*. Madrid 1816. Qu. with two plates [lacking from the *Elenchus*], a separate title-page and introduction "Lectori" and "Notarum explicatio". This separate edition (also with preface dated kal. Apr. 1816) can be assumed to have been published almost simultaneously with the Elenchus. (see 4098). *Copies*: G, McVaugh, NY, IDC 6000.

4098. *Genera et species plantarum*, quae aut novae sunt aut nondum recte cognoscuntur ... Matriti [Madrid] (ex typographia regia) 1816. Qu. (*Gen. sp. pl.*).
Publ.: Jun-Dec 1816 (see no. 4097), p. [i-vii], [1]-35, *2 pl.* (uncol. copper engr. by A. D. Meneses). *Copies*: L, M, MO, NY, U, USDA; IDC 6000.

4099. *Memoria sobre las plantas Barrilleras* de España: por D. Mariano La Gasca ... Madrid (en la Imprenta Real) 1817. Qu. (*Mem. pl. Barrill.*).
Publ.: 1817, p. [i-x], [1]-84, [1, err.]. *Copies*: G, L.
Ref.: Anon., Flora 2: 14. 7 Jan 1819.

4100. *Observaciones sobre la familia natural de las plantas aparasoladas*, (Umbelliferae.) ... Londres [London] Año de 1826. Qu. (*Observ. pl. aparasol.*).
Publ.: 1826, p. [i], [1]-43. *Copies*: G, MO, NY (photocopy). – Reprinted from the London Spanish emigrant journal *Ocios de Españoles Emigrados* vol. 4.

Lagerberg, Karl Erik Torsten (1882-x), Swedish botanist; Dr. phil. Uppsala 1909; from 1910 at Skogshögskolan (*Lagerberg*).

HERBARIUM and TYPES: LD; further material at C and E.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 334; BFM 1439; BL 2: 477, 516, 531, 677; Bossert p. 225; Hirsch p. 166; IH 2: 403; Kew 3: 347; KR p. 365-367; LS suppl. 15339-15358; MW p. 260; Stevenson p. 1248.
Anon., Bot. Not. 1909: 303, 1910: 198, 1912: 227.
Wittrock, V. B., Acta Horti Berg. 3(3): 20. 1905.

COMPOSITE WORKS: For L's *Vilda växter i Norden* (ed. 1, 1937-1939; ed. 2, 1947-1949; ed. 3, 1952-1958) see BL 2: 477. He was editor of *Sv. bot. Tidskr.* vols. 12-32, 1918-1938.

4101. *Studien über die Entwicklungsgeschichte und systematische Stellung von Adoxa moschatellina L.* . . . Uppsala & Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) 1909. Qu. (*Stud. Adoxa*).
Publ.: 22 Mai 1909 (date of "promotion"; submitted 14 Apr 1909; printed 14 Mai 1909; Nat. Nov. Sep(2) 1909), p. [1]-86, *pl. 1-3* (uncol.; auct.). *Copies*: BR, G, MO, NY, USDA. – Sv. Vet.-Akad. Handl. ser. 2. 44(4). 1909. – Also issued as Doctors dissertation, Stockholm (Almquist & Wiksells Buchdr.-A.-G.) 22 Mai 1909.
Ref.: Lagerberg, T., Ark. Bot. 3(2): 1-28. 1901; Bot. Stud. tillägn. F. R.Kjellman 80-88. 1906.
Diels, F. L. E., Bot. Jahrb. 44(Lit.): 83. 1910.

Lagerheim, Nils Gustaf (von, de) 1860-1926), Swedish microbiologist and cryptogamic botanist; Dr. phil. h.c. Uppsala 1893; Dr. jur. h.c. St. Andrews 1911; at Lisboa 1889; at the University of Quito, Equador 1892-1895; at Tromsö 1892; from 1895-1925 professor of botany at Stockholm. (*Lagerh.*).

HERBARIUM and TYPES: S (mainly algae and fungi); other material at B, C, CUP, G, L, MIN, NY, P, PAV, PC, Q, SBT, WRSL. – Published fasc. 26-34 of Wittrock, V. B. et al., *Algae aquae dulcis exsiccatae*, see under Wittrock.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 334; BJI 1: 36; BM 3: 1044-1045; Bossert p. 225; CSP 10: 491, 16: 551-552; De Toni 1: lxxiv-lxxv, 4: xxxv; GR p. 493; Hortus 3: 1198 ("Lagerh."); IH 2: 403; Kew 347-348; Kleppa p. 326; KR p. 368-378 (main bibl.); NAF 7(15): 1074-1075, 11(1): 90, ser. 2. 6: 68; Nordstedt p. 20-21, suppl. 9, 18; Rehder 5: 483; Saccardo 1: 94; SO 2844; Stevenson p. 1248; Tucker 1: 407; Urban-Gesch. p. 226; Zander ed. 10, p. 682.
Anon., Bot. Not. 1889: 178, 1892: 186, 1895: 263; Generalregister Bot. Not. 1839-1938: 44, 104. 39.
Collander, R., Hist. bot. Finland 50, 56. 1965.
Dolezal, H., Friedrich Welwitsch 136, 200. 1974.
Erdtmann, G., Intr. Pollen analysis 3, 232. 1943 (portr.).
Holmboe, J., Naturen 50: 65-67. 1926 (portr.).
Holmgren, Ber. deut. bot. Ges. 44: (95)-(108). 1926 (bibl., portr.).
Pilger, R. K. F., Ber. deut. bot. Ges. 44: 67. 1926.
Rosenberg, Sv. bot. Tidskr. 21: 115-118. 1927 (portr.).
Rydberg, P. A., Augustana Coll. Libr. Publ. 5: 35-36. 1907.
Urban, I., Symb. ant. 1: 92. 1898.
Wittrock, V. B., Acta Horti Berg. 3(2): 46-47, *pl. 10.* 1903 (portr.), 3(3): 21, 207, *pl. 105.* 1905 (portr.).

COMPOSITE WORKS: With N. Patouillard, *Champignons de l'Équateur*, pugillus 1-5, 1891-1895; see under Patouillard.

FESTSCHRIFT: Svensk botanisk Tidskrift 14(2-3), 1920, p. 129-340 (portr.).

EPONYMY: *Lagerheima* P. A. Saccardo (1892); *Lagerheimia* (G. B. De Toni) R. Chodat (1895); *Lagerheimiella* K. B. Boedijn (1940); *Lagerheimina* O. Kuntze (1891).

4102. *Bidrag till kännedomen om Stockholmstraktens Pediastréer*, Protococcacéer och Palmellacéer. [Stockholm 1882]. Oct. (*Bidr. Stockholmstr. Pediastr.*).
Publ.: Mar-Aug 1882 (p. 47: submitted 8 Feb 1882; Nat. Nov. Sep 1882; Bot. Zeit. 29 Sep 1882; Hedwigia Sep 1882), 34 p. – Reprinted from Öfvers. Sv. Vet.-Akad. Förhandl. 39(2): 47-81, *pl. 2-3*. 1882. All copies seen (BR, L, U, US) have orig. journal pagination.

4103. *Ueber Phaeothamnion*, eine neue Gattung unter den Süsswasseralgen. Stockholm (Kongl. Boktryckeriet) 1884. Oct. (*Phaeothamnion*).
Publ.: Sep-Dec 1884 (pres. 10 Sep 1884), p. [1]-14, *pl. 1*. *Copy*: U. – Bihang Sv. Vet.-Akad. Handl. 9, no. 19. – The genus was briefly described in the 1882 *Bidrag* (see no. 4102).

4104. *Note sur l'Uronema*, nouveau genre des algues d'eau douce de l'ordre des Chlorozoosporacées ... [Messina (G. Capra & Co.) 1887]. Oct. (*Uronema*).
Publ.: Nov-Dec 1887 (p. 6: Oct 1887; Nat. Nov. Apr(3) 1888), p. [1]-7, *pl. 12* (uncol. lith. auct.). *Copy*: G. – Reprinted from Malpighia 1(12): 517-523, *pl. 12*. 1887 (Bot. Zeit. rd. 17 Feb 1888).

4105. *Eine neue Entorrhiza* [Dresden (Druck von C. Heinrich) 1888]. Oct. (*Neue Entorrhiza*).
Publ.: Sep-Oct 1888, p. [1]-4. *Copy*: NY. – Reprinted from Hedwigia 7: 261-264. 1888.

4106. *Sur un genre nouveau de Chytridiacées* parasite des Urédospores de certaines Urédinées [Paris (J. Mersch, ...) 1888]. Oct. (*Genre nouv. Chytrid.*)
Publ.: 16 Dec 1888 (in journal), p. [1]-10, *pl. 10*. *Copy*: NY. – Reprinted from J. de Bot. 2: 432-440, *pl. 10*. 1888.

4107. *Contributions à la flore mycologique de Portugal* [Coimbra (Imprensa da Universidade) 1890]. Oct. (*Contr. fl. mycol. Portugal*).
Publ.: 1890 (p. 2: 17 Feb 1890), p. [1]-14. *Copy*: NY. – Reprinted from Bol. Soc. Brot. 8: 128-140. 1890.

4108. *Contribuciones á la flora algológica delEcuador* ... Quito (Imprenta de la Universidad) 1890. Oct. (*Contr. fl. algol. Ecuador*).
Publ.: 1890 (p. 16: 21 Mar 1890; Bot. Zeit. 27 Feb 1891), cover (with above title), [1]-16. *Copy*: G. – An. Univ. Centr. Ecuador ser. 5. 27-31. 1890.

4109. *Notes sur quelques Urédinées de l'herbier Westendorp* [Bruxelles 1891]. Oct. (*Urédin. Westendorp*).
Publ.: 1891 (read 11 Apr 1891), p. [1]-5. *Copy*: NY. – Reprinted from Bull. Soc. Bot. Belg. 29(2): 125-129. 1891.

4110. *Pucciniosira, Chrysopsora, Alveolaria und Trichopsora*, vier neue Uredineen-Gattungen mit tremelloider Entwickelung ... Berlin (Gebrüder Borntraeger. Ed. Eggers) 1891. Oct. (*Pucciniosira*).
Publ.: Dec 1891 (read 18 Dec 1891; reprint dated 1891!), p. [1]-5. *Copy*: NY. – Reprinted from Ber. deut. bot. Ges. 9(10): 344-348. 1891 (publ.: 24 Jan 1892).
Ref.: Magnus, P., Bot. Zeit. 50: 495-496. 1892.

4111. *Dipodascus albidus*, eine neue geschlechtliche Hemiascee ... Berlin (Gebrüder Borntraeger (Ed. Eggers)) 1892. Oct. (*Dipodascus albidus*).
Publ.: Dec 1892 (cover; p. 17: 12 Sep 1892), p. [1]-19, *pl. 24-26* (uncol. liths. auct.). *Copy*: NY. – Reprinted from Jahrb. wiss. Bot. 24(4): 549-565, *pl. 24-26*. 1892.

4112. *Sirobasidium* nouveau genre d'hyménomycètes hétérobasidiés [Paris (J. Mersch) 1892]. Oct. (*Sirobasidium*).
Co-author: Narcisse Théophile Patouillard (1854-1926).
Publ.: 16 Dec 1892 (in journal), p. [1]-5. *Copies*: FH, NY(2). – Reprinted from J. de Bot. 6: 465-469. 1892.

4113. *Mykologische Studien* ... Stockholm (Kungl. Boktryckeriet. P. A. Norstedt & Söner) 1898-1900, 3 parts. Oct. (*Mykol. Stud.*).

1: 1898 (pres. 13 Apr 1898; Nat. Nov. Mai(2) 1899; Feb(2) 1900), p. [1]-21, [22], *pl. 1-3*. – Bihang Sv. Vet.-Akad. Handl. 24(3), no. 4.
2: Jan-Jun 1900 (pres. 8 Nov 1899; Bot. Zeit. rev. 16 Jul 1900), p. [1]-42, *pl. 1-2*. – Bihang 25(3), no. 8.
3: 1900 (pres. 14 Feb 1900; Nat. Nov. Jun(1) 1901), p. [1]-21, *pl. 1*. – Bihang 26(3), no. 4.
Copies: NY, U. – Also as Medd. Stockholms Högskola nos. 178, 199, 204, 1898, 1900.

4114. *Contributions à la flore mycologique des environs de Montpellier* . . . Lons-le-Saunier (Imprimerie et lithographie Lucien Declume) 1899. Oct. (*Contr. fl. mycol. Montpellier*).
Publ.: 1899, p. [1]-11. *Copy*: NY. – Reprinted from Bull. Soc. mycol. France 15: 95-103. 1899.

Lagerstedt, Nils Gerhard Wilhelm (1847-1925), Swedish high school teacher, librarian and botanist at Stockholm (Östermalm); Dr. phil. Uppsala 1869. (*Lagerst.*)

HERBARIUM and TYPES: Material at MW, PH, S, SPL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 335; BM 3: 1045; Bossert p. 225; CSP 8: 147, 10: 492, 16: 552; De Toni 1: lxxv, 2: lxxxiii-lxxxiv; IH 2: 403; Jackson p. 61, 158, 227, 345; Kew 3: 348; KR p. 379-380; Rehder 5: 483.
Anon., Svenska man och kvinnor 4: 435. 1948.
Deby, J., Bibl. microsc. microgr. stud. 3(Diat.): 36. 1882.
Koster, J. T., Taxon 18: 554. 1969.
Wittrock, V. B., Acta Horti Berg. 3(2): 47, *pl. 13*. 1903 (portr.).

4115. *Om algslägtet Prasiola.* Försök till en monographi, Akademisk afhandling, som med vidtberömda filosofiska fakulteten i Upsala samtycke för filosofiska gradens erhållande till offentliggranskning framställes af Nils Gerh. Wilh. Lagerstedt, . . . å botaniska lärosalen lördagen den 22 Maj 1869, p.v.t.e.m. Upsala (Uppsala] (W. Schultz' Boktryckeri) 1869. Oct. (*Prasiola*).
Publ.: 22 Mai 1869, p. [i, iii], [1]-42, [1, expl. pl.], *1 pl. Copy*: NY.

4116. *Sötvattens-Diatomaceer från Spetsbergen och Beeren Eiland.* Stockholm (P. A. Nordstedt & Söner) 1873. Oct. (*Sötvatt.-Diatom. Spetsbergen*).
Publ.: Jul-Dec 1873 (presented 11 Jun 1873; "Neu" Bot. Zeit. 21 Aug 1874), p. [1]-52, *pl. 1-2*. *Copy*: U. – Bihang Sv. Vet.-Akad. 1, no. 14.
Ref.: G. K., Bot. Zeit. 32: 828. 18 Dec 1874 (rev.).
Anon., Hedwigia 13: 116-122. Aug 1874 (rev.).

4117. *Saltvattens-Diatomaceer från Bohuslän.* Stockholm (P. A. Nordstedt & Söner) 1876. Oct. (*Saltvatt.-Diatom. Bohuslän*).
Publ.: Jan-Apr 1876 (presented 9 Jun 1875; "Neu", Hedwigia Mai 1876), p. [1]-66, *pl. 1*. *Copy*: U. – Bihang Sv. Vet.-Akad. Handl. 3, no. 15.
Ref.: Anon., Hedwigia 15: 79, 110. 1876.
G. K., Bot. Zeit. 34: 763. 1 Dec 1876.

Lagrèze-Fossat, Adrien Rose Arnaud (1814-1874), French lawyer and botanist at Moissac. (*Lagr.-Foss.*).

HERBARIUM and TYPES: TLM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 335; BL 2: 207, 677; CSP 3: 804, 12: 423; IH 2: 404; PR 4989-4990 (ed. 1: 5496); Rehder 5: 483; Tucker 1: 407.
Astre, Bull. Soc. Hist. nat. Toulouse 101: 177. 1966.

EPONYMY: *Lagrezia* Moquin-Tandon (1849).

4118. *Flore de Tarn et Garonne*, ou description des plantes vasculaires qui croissent spontanément dans ce département . . . Montauban (Librairie ancienne et moderne de Rethoré, . . .), Moissac (chez l'auteur) 1847. Oct. (in fours). (*Fl. Tarn Garonne*).
Publ.: 1847 (p. xii: Jan 1846), p. [i]-xii, [1]-527. *Copies*: BR, G, NY.

Laguna y Villanueva, Máximo (1826-1902), Spanish botanist and silviculturist, director of the Escuela de Ingenieros de Montes at El Escorial. (*Laguna*).

HERBARIUM and TYPES: MA; further material at LY, MANCH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 335; BL 2: 482, 677; BM 3: 1110; Bossert p. 225; Colmeiro 1: clxxxiii; CSP 10: 496, 16: 558; IF p. 714; IH 2: 404; Jackson p. 99, 340, 397; Kew 3: 348; Langman p. 425; Lasègue p. 186, 227; Moebius p. 33; NI 1121; PR 4993; Rehder 5: 483; SK 1: 178; Tucker 1: 407.
Anon., Revista de Montes 26: 29-35. 1902, 39: 381-389, 425-431, 469-475, 505-513. 1915.
Willkomm, Grundz. Pflanzenverbr. Iber. Halbins. 19, 25. 1896 (Veg. Erde 1).
Wittrock, V. B., Acta Horti Berg. 3(2): 154. 1903.

4119. *Flora forestal española*, que comprende la descripcion de los árboles, arbustos y matas que se crian silvestres ó asilvestrados en España, con breves notas y observaciones sobre el cultivo y aprovechamiento de los más importantes y con láminas que los representan, . . . (imprenta de los Señores Rojas, . . .) 1875. Oct. (*Fl. forest. españ.*).
Co-author: Pedro de Ávila y Zumarán (1842-?).
Publ.: 1875, p. [i]-x, [11]-120. *Copy*: USDA.

4120. *Coníferas y amentáceas españolas* . . . Madrid (Tipografía-Estereotipia Perojo-Mendizabal, 64) 1878. Qu. (*Coníf. ament. españ.*).
Publ.: 1878, p. [1]-41, [1, err.]. *Copy*: USDA.

4121. *Flora forestal española*, que comprende la descripción de los árboles, arbustos y matas que se crían silvestres ó asilvestrados en España, con breves notas y observaciones sobre el cultivo y aprovechamiento de las más importantes, y con láminas que los representan, . . . Madrid (Imprenta del Colegio nacional de sordo-mudos y de ciegos . . .) 1883-1890, 2 parts text, 2 parts atlas. Oct (text). (*Fl. forest. españ.*).
Co-author: Pedro de Ávila y Zumarán (1842-?).
Primera parte, text: 1883 (Nat. Nov. Mar(1) 1885; Bot. Zeit. 24 Apr 1885), p. [1]-372.
Segunda parte, text: 1890 (Nat. Nov. Apr(2) 1892), p. [i-iii], [1]-459.
Atlas de la primera parte, 1884, p. [i], unbound *pl. 1-40*, (chromoliths. by Justo de Salinas) with text.
Id. segunda parte, 1890, p. [i], unbound *pl. 41-80* (id.).
Copies: G, USDA. – Describes 553 species of woody plants.

Laharpe (La Harpe), **Jean Jacques Charles de** (1802-1877), Swiss botanist; physician at the provincial hospital of Lausanne. (*Laharpe*).

HERBARIUM and TYPES: LAU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 335; BM 3: 1046; CSP 3: 804-805, 8: 148-149, 10: 496; IH 2: 256; Langman p. 425; LS 14797; MW p. 260; PR 4995; Rehder 5: 483.
M.R., *in* Dict. hist. biogr. Suisse 4: 430. 1928.

EPONYMY: *Laharpia* Heer (1859, also dedicated to Philippe George de Laharpe (1830-1882), Swiss paleontologist).

4122. *Essai d'une monographie des vraies joncées*, comprenant les genres Juncus, Luzula et Abama . . . [Paris 1825]. Qu. (*Essai monogr. jonc.*).
Publ.: 1825 (read 18 Mar 1825), p. [1]-93. *Copy*: NY. – Preprinted from Mém. Soc. Hist. nat. 3: [89]-181. 1827 (copies journal MO, U, USDA.).

Lahm, Johann Gottlieb Franz-Xaver (1811-1888), German priest (ordin. 1834, Bonn), lichenologist, and school superintendent (1853-1866 "wirklicher Regierungsschulrat" 1866-1888: "Domkapitular," member of dom chapter) at Münster, Westfalen. (*J. Lahm*).

HERBARIUM and TYPES: B (extant); further lichen collections from Westphalia at C, H, L, LD, MSTR, SAM, UPS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 336; BM 3: 1046; CSP 8: 149, 12: 423, 16: 559; DTS 1: 380, 4: xlvi; GR p. 26, *pl.* [*14*] (portr.), cat. p. 66; IH 1 (ed. 6): 25, 2: 404; LS 14799-14801; SBC p. 125; Urban-Berl. p. 288.
Anon., Leopoldina 25(5/6): 52. 1889.
Drude, O., Hercyn. Florenbez. 8. 1902 (Veg. Erde 6).
Hiepko, P., Willdenowia 8(2): 392. 1978.
Landois, Jahresber. Westfäl. Prov.-Ver. Wiss. 17: 109-111. 1889 (portr.).
Wittrock, V. B., Acta Horti Berg. 3(3): 141. 1905.

EPONYMY: *Lahmia* Koerber (1861); *Lahmiomyces* Ciferri & Tomaselli (1953).

4123. *Zusammenstellung der in Westfalen beobachteten Flechten* unter Berücksichtigung der Rheinprovinz ... Münster (Verlag der Coppenrathschen Buch- und Kunsthandlung) 1885. Oct. (*Zusammenst. Westfal. Flecht.*).
Publ.: 1885 (Bot. Zeit. 30 Oct 1885; J. Bot. Nov 1885), p. [i]-iv, [3]-163. *Copies*: B, G. – Originally published Jahresber. Westfäl. Prov.-Vereins Wiss. 10: 117-172. 1882 (Flora rd. Sep-Oct), 11: 98-153. 1883, 12: 126-149. 1884 (Flora rd. Jan 1885), 13: 57-85. 1885 (Flora rd. Dec 1885).

Lahm, Wilhem (1856-?), German botanist and high school teacher at Laubach (Oberhessen). (*W. Lahm*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 336; BM 3: 1046.

4124. *Flora der Umgebung von Laubach* (Oberhessen) enthaltend: Die Gefässpflanzen nebst pflanzengeographischen Betrachtungen (mit einer Karte) ... Giessen (J. Ricker'sche Buchhandlung) 1887. Oct. (*Fl. Laubach*).
Publ.: Summer 1887 (Bot. Zeit. 26 Aug 1887), p. [i*], [i]-xxxii, [1]-106, map. *Copies*: B(2).

Laicharding (Laicharting) **zu Eichberg und Lützegnad, Johann Nepomuk** (1754-1797), Austrian botanist and entomologist; professor of natural history ("Gubernialsekretär") at Innsbruck University. (*Laichard.*).

HERBARIUM and TYPES: IBF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 336; BM 3: 1047; Dryander 2: 231, 5: 314; DTS 1: 164-165, 5: xi-xiii, 6(4): 6, 166; GR p. 454; Jackson p. 225; Kew 3: 349; LS 14802; PR 4997-4998 (ed. 1: 5500-5501); Rehder 5: 483; SO 13; WU 14: 1.
Dipauli, Beitr. Gesch. Statistik, Naturk. Kunst Tirol Vorarlberg 8: 186-224. 1834 (fide DTS).
Hausmann, F. von, Fl. Tirol. 1168. 1854.

4125. *Vegetabilia europaea* in commodum botanicorum per Europam peregrinantium ex systemate plantarum Caroli a Linné collecta, et novis plantis ac descriptionibus adaucta ... Oeniponte [Innsbruck] (Prelo et sumtibus Joann. Thom. nobil. de Trattern, ...) 1790-1791, 2 parts. (*Veg. europ.*)
1: Sep-Dec 1790 (p. [vi]: 6 Cal. Aug 1790), [i-viii], [1]-541, [1-5, index].
2: Sep-Dec 1791 (preface 5 Sep 1791), p. [i-vi], [i]-lvi, [1]-782, [1-14, index].
Copy: WU (information W. Gutermann).

4126. Joan. Nep. Laicharding ... *Manuale botanicum* sistens plantarum europaearum characteres generum, specierum differentias, nec non earum loca natalia ... Oeniponte & Lipsiae [Innsbruck and Leipzig] (apud Michaelem Aloysium Wagner) 1794. Oct. (*Man. bot.*).
Publ.: 1794 (p. [4]: 27 Dec 1793), p. [1]-631, [632-640, index]. *Copies*: G, M, NY, USDA. – Published in two sections, both 1794: 1: [1]-202, 2: [i], 203-631. Pritzel mentions a "Lipsiae, Barth" imprint in addition to the Wagner imprint. All four copies seen by us have the Wagner imprint.

Laing, Robert Malcolm (1865-1941), New Zealand botanist; M. A. Canterbury, N.Z. 1889; master at Otago Boy's High School 1886-1924; specialist on New Zealand marine algae. (*Laing*).

HERBARIUM and TYPES: CANTY; some further algae at LD.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 336; BL 1: 78, 83, 85, 102, 305; BM 7: 598; CSP 10: 497, 16: 560; De Toni 1: lxxv, 4: xxv; Hirsch p. 166; IH 2: 404; Kew 3: 349; Plesch p. 294; Tucker 1: 407.
Allan, Trans. R. Soc. New Zealand 73(1): xlix-l. 1943 (portr.).
Koster, J. T., Taxon 18: 554. 1969.
Merrill, E. D., Contr. U.S. natl. herb. 30(1): 183. 1947.

EPONYMY: *Laingia* Kylin (1929).

4127. *Plants of New Zealand* . . . Christchurch, Wellington, and Dunedin, N.Z.; Melbourne and London (Whitcombe and Tombs Limited) 1906. Oct. (*Pl. New Zealand*).
Co-author: Ellen Wright Blackwell (later Mrs. Thomas Maidment) (1864-1952) (inf. M. E. Blackmore, Christchurch, N.Z.).

Ed. 1: 1-5 Jun 1906 (Colonial Mus. N.Z. rd. 5 Jun 1906; preface 30 Mar 1906; New Zealand Herald 7 Jul 1906; Nat. Nov. Jan(1) 1908), p. [ii]-xii, [1]-456 (incl. frontisp.), 1000 copies printed. *Copies*: Natl. Mus. N.Z., NY.
Ed. 2: 1907 (Nat. Nov. Jul(2) 1908), p. xii, 1-456 (incl. frontisp.), 1550 copies printed. Copies: Natl. Mus. N.Z., USDA. – "Second and revised edition." Oct. – *Imprint*: same as ed. 1.
Ed. 3: 1927 (Nat. Nov. Dec 1927; J. Bot. Mai 1928), p. [i]-xv, [1]-468 (incl. frontisp.), 2550 copies printed. *Copies*: MO, NY, Natl. Mus. N.Z., USDA. – "Third edition, revised and enlarged." Auckland . . . (Whitcome and Tombs Limited) Oct.
Ed. 4: 1940, p. [i]-xvii, 1-499, frontisp. – Also issued in fortnightly parts with preface material in part 16. *Copies*: Natl. Mus. N.Z.; USDA. – "Fourth centennial edition, revised and enlarged." Auckland . . . (id.). 16-mo.
Ed. 5: 1949, [i]-xvii, [i], 1-499 (incl. front.), *pl. 1-8*. *Copies*: MO, Natl. Mus. N.Z.; USDA. – "Fifth edition – revised" Christchurch, . . . (id.). 16-mo.
Ed. 6: 1957, p. [i]-xvii, [1], 1-499. *Copy*: USDA. – [Christchurch . . .] (Whitcombe and Tombs Limited) 16-mo.
Ed. 7: 1964, p. [i]-xvii, 1-500. Revised by Eric John Godley (1919-x) [Christchurch, . . .] (Whitcombe and Tombs Limited) 16-mo.
Note: G. Dunbar of the National Museum of New Zealand kindly provided many details.

Ref.: Bagnall, A. G., New Zealand Natl. Bibl., Wellington 1972, p. 70-71.

Lakela, Olga (1890-x), Finnish-born American botanist; to America 1906; ultimately at the University of Minnesota, Duluth Branch. (*Lakela*).

HERBARIUM and TYPES: DUL (first) and MIN (second).
Ref.: Lakela, O., Taxon 3: 91-92. 1954.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 336 (orig. inf.); Bossert p. 225; Hortus 3: 1198 ("Lakela"); IH 1(ed. 6): 80, 2: 405; Kew 3: 351; Langman p. 425; Pennell p. 611; Roon p. 66; Zander ed. 10, p. 682.
Lakela, O., Personal communication to authors 1957 and 1977.
Rickett, H. W., Index Bull. Torrey bot. Club 56. 1955.
Stafleu, F. A., Taxon 7: 293. 1958 (retirement from DUL).

EPONYMY: The herbarium at the University of Minnesota, Duluth, Minn. (DUL) is called the "Olga Lakela herbarium".

4128. *A monograph of the genus Heuchera* . . . Minneapolis (The University of Minnesota Press) 1936. Oct. (*Monogr. Heuchera*).

Co-authors: Frederick King Butters (1878-1945). Carl Otto Rosendahl (1875-1956), senior author.
Publ.: 1936 (USDA copy rd. 7 Apr 1837), p. [i-vii], 1-180, *fig. 1-5, 1 pl. Copies*: B, BR, MO, USDA. Minnesota studies in Plant Science, vol. 2.
Ref.: Svenson, Torreya 37: 60-62. 15 Jun 1937.

Lakowitz, Conrad Waldemar (1859-1945), German algologist, palaeobotanist, and high school teacher at the royal gymnasium at Danzig (now Gdansk); educated at Breslau university (Dr. phil. 1881). (*Lakow.*).

HERBARIUM and TYPES: Some material (algae) at KIEL and L. The original collections most likely destroyed with the other collections at Danzig during World War II.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 293; Barnhart 2: 337; BJI 1: 36; BM 3: 1047 (C. Lakowitz, b. 1859); CSP 16: 563-564; De Toni 4: xxxv-xxxvi; Hirsch p. 166; IH 2: 405; Kew 3: 351; LS suppl. 15381-15390; SO 2952.
Seligo, Ber. Westpreuss. bot.-zool. Ver. Danzig 51: v-xii. 1929.
Wood, R. D., Monogr. Charac. 1: 821. 1965.

4129. *Die Algenflora der Danziger Bucht.* Ein Beitrag zur Kenntniss der Ostseeflora . . . Danzig (Kommissionsverlag von W. Engelmann) 1907. Oct. (*Alg.-Fl. Danz. Bucht*).
Publ.: Sep-Dec 1907 (p. vii: Aug 1907; Bot. Zeit. 1 Feb 1908), p. [i]-vii, [1]-141, *pl. 1-5*, with text. *Copies*: B, NY. – Headline: "Herausgegeben vom Westpreussischen botanischen-zoologischen Verein . . ."
Ref.: Lakowitz, C. W., Schr. naturf. Ges. Danzig N.F. 7(1): 65-73. 1887 (1888/91), 8(3,4): lxx-lxxiii. 1893.
Kuckuck, Bot. Zeit. 66(2): 43-40. 1 Feb 1808 (rev.).

4130. *Die Algenflora der gesammten Ostsee* (ausschl. Diatomeen) . . . Danzig (Kommissions-Verlag von R. Friedländer & Sohn in Berlin . . .) 1929. Oct. (*Alg.-Fl. Ostsee*).
Publ.: Apr-Jul 1929 (p. viii: Mai 1929; Nat. Nov. Aug 1929), p. [i]-viii, [1]-474. *Copy*: U.

La Llave, Pablo de (1773-1833), Mexican clergyman; for some time director of the Madrid botanical garden; member of the Cortes 1812; back to Mexico 1823; minister of justice 1823-1825; president of the Senate 1830. (*La Llave*).

HERBARIUM and TYPES: Mexican material at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 393; BM 3: 1159; Colmeiro 1: clxxxiii; Enc. univ. 29: 354; GR p. 758; Hortus 3: 1198 ("Llave"); IH 2: 405; Jackson p. 138; Kew 3: 351; Langman p. 425; PR 5000; RS p. 111 Tucker 1: 407; Zander ed. 10, p. 686.
Colmeiro, M., Bot. bot. peninsula hisp.-lus. 201. 1858.
Miller, Taxon 19: 529. 1970.
Sosa, La Naturaleza 7: 79-81. 1887.
Standley, P. C., Trees and shrubs of Mexico 788. 1923.

NOTES: La Llave signed himself "Pablo dela Llave" on the copy of the *Nov. veg. descr.* sent by him to von Martius (NY); it is probably more correct to list the author as "Llave, P. de la." – La Llave dedicated several new genera of plants to the heroes of the Mexican war of independence.

EPONYMY: *Llavea* Lagasca (1816); *Llavea* Liebmann (1854).

4131. *Novorum vegetabilium descriptiones.* In lucem prodeunt opera Paulli de La Llave et Joannis Lexarza Reip. Mexic. civ . . . México (Apud Martínum Riveram) 1824-1825, 2 parts. Fol. (*Nov. veg. descr.*).
Co-author: Juan Martinez de Lexarza (1785-1824).
Fasc. 1: 1824, p. [i-viii], [1]-32.
Fasc. 2: 1825, p. [i-vi], 1-13, *Orchidianum opusculum*: 1-43.
Copies: MICH, NY, Regensburg, US; IDC 6001.

Reprint: 1882, appendix to La Naturaleza, tome 5, newly composed type. *Fasc. 1*: [1]-26, *fasc. 2*: [1]-14, *Orchidianum opusculum* [1]-26, t.p. imprint as orig., on fasc. 2: 26 "Mexico, Diciembre de 1881. – Por la Comision de publicaciones, Jesus Sanchez." *Copies*: MO, USDA.

Lam, Herman Johannes (1892-1977), Dutch botanist; Ph. D. Utrecht 1917; at Buitenzorg (Bogor), Indonesia (1919-1933), professor of botany and director of the Rijksherbarium Leiden (1933-1962) (*H. J. Lam*).

HERBARIUM and TYPES: BO and L; for further collections and references see IH and SK.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 312; Barnhart 2: 337; BJI 2: 100-101; BL 1: 107, 119, 120, 305; Hirsch p. 167; Hortus 3: 1198 ("Lam, H.J."); IF suppl. 4: 328; IH 2: 406; JW 1: 445, 2: 195; Kew 3: 351-353; Langman p. 425; Lenley p. 255; MW p. 260, suppl. p. 191; Plesch p. 295; Roon p. 66; RS p. 111; SBC p. 125 ("H. Lam"); SK 1: ccxxiv, cxxv, 308-309, 4(2): cvi, 5: ccxciv, 7: 6-14, 8: lix; Zander ed. 10, p. 682.

Anon., Ann. Jard. bot. Buitenzorg 45: *pl. 3*. 1935 (portr.); Fl. males. Bull. 30: 2739. 1977; Taxon 11: 256. 1962, 26: 408. 1977; Leidsch Dagbl. 29 Mai 1933; Utrechts Dagbl. 29 Mai 1933.

Brongersma, L. D., Kon. Ned. Akad. Wet., Verslag Verg. Afd. Natuurk. 86(2): 17-18. 1977.

Kalkman, C., Blumea 23: 203. 1977.

Lam, H. J., Personal communication to senior author 1957; Tradenda, Leiden 1962, 39 p. (oration; portr.).

Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 183-184. 1947.

Rollins, R. C., Taxon 5: 2. 1956 (portr.; in group).

Royen, P. van, Blumea suppl. 4: 6-8. 1958.

Steenis, C. G. G. J. van, Leids Universiteitsblad 27 (no. 31): 5-6 1962 (portr.); Fl. males. 7: [6]-14. 1976 (portr.).

Verdoorn, F., Chron. bot. 1: 27. 1935 (portr.).

Wulff, E. V., Intr. hist. pl. geogr. 222. 1943.

FESTSCHRIFT: *Blumea* Supplement 4, 1958, with e.g. a list of plant and animal names commemorating Lam (by P. van Royen), and a bibliography up to 1958 (by L. Vogelenzang).

HANDWRITING: Fl. males. ser. 1. 1: cl. 1950.

EPONYMY: *Lamechites* Markgraf (1927); *Lamiodendron* C. G. G. J. van Steenis (1957); *Lamiofrutex* C. Lauterbach (1924); but also *Planispira agnina* van Benthem-Jutting (1941) (Mollusca).

4132. *The Verbenaceae of the Malayan Archipelago*, together with those from the Malayan Peninsula, the Philippines, the Bismarck Archipelago, and the Palau, Marianne- and Caroline-Islands. Proefschrift ter verkrijging van den graad van doctor in de plant- en dierkunde aan de Rijks-Universiteit te Utrecht, op gezag van den Rector magnificus Dr. G. W. Kernkamp, hoogleeraar in de faculteit der letteren en wijsbegeerte, volgens besluit van den Senaat der Universiteit tegen de bedenkingen van de faculteit der wis- en natuurkunde te verdedigen op Maandag 7 April 1919, des namiddags te 4 uur, door Herman Johannes Lam, geboren te Veendam. Groningen (M. de Waal) 1919. Oct. (*Verben. Malay. Archip.*). *Publ.*: 7 Apr 1919, p. [i-viii], [1]-370, [1, err.], *pl. 1-3*, [1-4, theses]. *Copies*: FAS, U, USDA.

4133. *Miangas* (Palmas) scattered annotations, made and collected by Dr. H. J. Lam . . . Batavia [Djakarta] (G. Kolff & Co.) 1932. Oct. (*Miangas*).
Publ.: 1932, p. [1]-66, *pl. 1* and *fig. 1-20* (h.t.). *Copy*: FAS. – Indisch Comité voor Wetenschappelijke onderzoekingen, Batavia, no. 6.

4134. *Over indeeling, verwantschap en verspreiding der planten* rede uitgesproken bij het aanvaarden van het ambt van buitengewoon hoogleraar aan de Rijksuniversiteit te Leiden op Vrijdag 10 november 1933 . . . 's Gravenhage (Martinus Nijhoff) 1933. Oct. (*Indeel. pl.*). *Publ.*: 10 Nov 1933, p. [1]-39. *Copy*: FAS.

Lamarck, Jean Baptiste Antoine Pierre Monnet de (1744-1829), French biologist; founder of the theory of evolution; 1761-1768 in French army; 1768-1778 bank employee in Paris; 1778-1793 botanist at the Jardin des Plantes; 1793-1829 professor of zoology at the Museum d'histoire naturelle (*Lam.*).

HERBARIUM and TYPES: at P, kept as an *herbier historique* (P-LA, on microfiche IDC no. 6207). Lamarck sold his herbarium to J. A. C. Roeper in 1824 who took it to Basel and Rostock. It was acquired by the University of Rostock in 1875 and offered to P at Fr. 12.000 by Goebel who needed the money to buy laboratory equipment. (Goebel had first offered the collection to Kew but received too low a bid. He then approached Paris; the herbarium was received at Paris 17 Jan 1887). The collection consists of ca. 19.000 specimens. Lamarck's types are partly in his own herbarium, but, since he worked also with other collections, partly also in other herbaria, most of which are now at P and PC (e.g. in P-JU). Insofar as Lamarck based his descriptions of new species on material owned by L'Héritier or Lemonnier, his types are at G, Desfontaines in FI, etc. The types of Lamarck and de Candolle's *Flore française* ed. 3 are in part at G. Lamarck material is furthermore present at B-W, C, FI and G.

Ref.: Bureau, C. R., Acad. Sci. Paris 104: 187-190. 1887.
Bonnet, J. Bot. [Morot] 16: 129-138. 1902.
Bergdolt, E., Karl von Goebel 37, 57. 1941 (original letters concerning sale).

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 572; Andrews p. 293; Backer p. 312; Barnhart 2: 337; BM 3: 1048-1049; Bossert p. 225; Bret. p. 125; Colmeiro 1: clxxxiii; CSP 3: 809-810, 12: 423; Dawson p. 518-519, 942; Dryander 5: 314-315; DSB 7: 584-594; Frank 3(Anh.): 54-55; GR p. 284-285, *pl.* [30]; Henry 2: 177; Hortus 3: 1198 ("Lam."); HU clxxv, 653; IF p. 714; IH 2: 406; Jackson p. 12, 114, 115, 273; Kew 3: 353; Langman p. 425-426; Lasègue p. 575; LS 14811-14813, 35759-35762; Moebius p. 452; MW p. 260; NAF 9(6): 440, 28B(2): 441-442; NI 2224; PFC 1: xxxviii; Plesch p. 295; PR 5002-5507; Quenstedt p. 248-249; Rehder 5: 484; RS p. 111-112; SBC p. 125 ("Lam."); SK p. 309; SO 125, 165, 166, 747, 1230; TL-2/1: 987, 988, see index; Tucker 1: 407-408; Urban-Berl. p. 367; Zander ed. 10, p. 682.
Allan, M., The Hookers of Kew 67-68, 193-194. 1967.
Anon., Flora 13: 64. 1830, 16: 369-378. 1833.
Anthony, Arch. Mus. natl. Hist. nat. ser. 6. 6: 11-24. 1930 (evaluation theory evolution).
Beltran, E., Lamarck, Interprete de la naturaleza. Mexico, D.F. 1945, xiv, 161 p. (bibl.).
Bornet, A., Catalogue général des manuscrits des bibliothèques publiques de France, Paris 1914, . 125-127, 266.
Bourdon, I., Dict. Sci. méd. 5: 483-489. 1822 (interesting contemporary evaluation).
Bultingaire, Arch. Mus. natl. Hist. nat. ser. 6. 6: 49-58. 1930 (painters at Lamarck's time).
Burkhardt, R. W., The spirit of system: Lamarck and evolutionary biology, Cambridge Mass. 1977; See Cain, Nature 270: 109-110. 1977.
Butler, S., Evolution old and new. London 1879.
Candolle, A. P., Mém. Souvenirs 44, 57, 137, 160, 186. 1862.
Clos, D., Lamarck Botaniste, 1896, 24 p. (repr. from Mém. Acad. Sci. Toulouse ser. 9. 8, année 1896).
Constantin, J., Arch. Mus. natl. Hist. nat. ser. 6. 6: 5-10. 1930 (derniers jours), 63-80. 1930 (examen critique du lamarckisme).
Cuvier, G., Mém. Acad. Sci. Paris 13(Hist.): i-xxxi. 1831.
Daudin, H., Cuvier et Lamarck, Les classes zoologiques et l'idée de série animale. Paris 1926.
Dawson, W. R., Smith papers 62. 1934 (letter to J. E. Smith).
Dörfler, I., Botaniker-Porträts 3/4: no. 40. 1907 (portr.).
Giard, Bull. sci. France Belgique 40: 443-595. 1906 (discours d'ouverture).
Gillispie, C. C., Arch. int. Hist. Sci. 35: 323-338. 1956.
Glass, B., et al., Forerunners of Darwin: 1745-1859, Baltimore 1968, see p. 465 [index].
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(2) Lamarck was one of the editors of the *Journal d'histoire naturelle*, Paris (les Directeurs de l'Imprimerie du Circle Social), 2 vols. 1792. (see e.g. MacPhail, I., Cat. Redout. 38. 1963).

HANDWRITING: Arch. de Bot., Guillemin, 2: opp. p. 94. 1833; Candollea 31: 151-152. 1976.

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4135. *Flore françoise* ou description succincte de toutes les plantes qui croissent naturellement en France, disposée selon une nouvelle méthode d'analyse, & à laquelle on a joint la citation de leurs vertus les moins équivoques en médecine, & de leur utilité dans les arts . . . À Paris (de l'Imprimerie Royale) 1778, 3 vols. Oct. (*Fl. franç.*)

Ed. 1: all three volumes *after* 21 Mar 1779 (privilège 10 Mar 1779, see vol. 1 p. (4)). *Copies*: G(2), MICH, MO, NY, U, US(2), USDA.
1: [i-ii], (1)-(4), i-cxix, [1]-223, [(1)]-(132), i-xxix, *pl. i-viii*, uncoloured copper engr.
2: [i*-ii*], i-iv, chart, [(1)]-(684).
3: [i-ii], [(1)]-654, i-xx, [1, err.].
Internal evidence (e.g. p. 648, citation of *Laserpitium hirsutum*) suggests that Villars' *Prospectus* antedates the *Fl. franç.* (inf. W. Gutermann).

Ed. 2: Paris (Chez H. Agasse), all three volumes publ. 1795 (l'an 3e. de la République), an almost word by word reprint. *Copies*: G, US(2), USDA.
1: p. [i*], [(1)]-(4), [i]-cxix, [1]-(223), [(1)]-[159], *pl. 1-8*, uncol. copper engr.
2: p. [i*-ii*], [i]-iv, tabl., [(1)]-(684).
3: p. [i-ii], [(1)]-(674), [1, err.]
Ed. 3: 1805-1815, see under A. P. de Candolle, no. 987.

Ref.: HU 653; LS 14811; Plesch p. 295; IDC 6002.
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4136. *Encyclopédie méthodique. Botanique* . . . A Paris (Chez Panckoucke, . . .), Liège (Chez Plomteux, . . .) 1783-1817, 13 vols. Qu. (*Encycl.*)
Co-author: Jean Louis Marie Poiret (1755-1834).
Collaborators: Augustin Pyramus de Candolle (1778-1841), Louis Auguste Joseph Desrousseaux (1753-1838), Marie Jules César Lelorgne de Savigny (1777-1851).
Publ.: Volumes 1 and 2 are by Lamarck; vol. 3 up till P is also by Lamarck, the rest of the volume is by Lamarck and Desrousseaux; vol. 4 is by Desrousseaux, Poiret and Savigny; vol. 5 by Poiret and (a few texts) A. P. de Candolle; vols. 6, 7, 8 and suppl 1-5 are all by Poiret. New taxa in this work should be attributed always to only one of the authors.

vol.	part	pages	dates
1	1	1-344	2 Dec 1783
	2	345-752	1 Aug 1785
2	1	1-400	16 Oct 1786
	2	401-774	14 Apr 1788
3	1	1-360	19 Oct 1789
	2	361-759	13 Feb 1792
4	1	1-400	9 Feb 1797
	2	401-754	1 Nov 1798
5		1-748	9 Jan 1804
6	1	1-384	2 Oct 1804
	2	385-786	28 Aug 1805
7		1-731	6 Jul 1806
8		1-879	22 Aug 1808
suppl. 1	1	1-400	3 Sep 1810
	2	401-761	2 Mai 1811
suppl. 2	1	1-384	23 Oct 1811
	2	385-876	3 Jul 1812
suppl. 3	1	1-368	24 Sep 1813
	2	369-780	3 Sep 1814
suppl. 4	1	1-368	29 Jun 1816
	2	369-731	14 Dec 1816
suppl. 5	1	1-526	1 Nov 1817
	2	527-780	5 Nov 1817

Vol. 4(2), published 1 Nov 1798, is later than the fourth volume of the Transactions of the Linnean Society, published 24 May 1798, which contains a number of competing names.
Copies: G, NY, U, US; IDC 444.

1: [i*-vi*], [i]-xliv, 1-752, *imprint*: id., 1783.
2: [i-iii], [1]-774, *imprint*: id., 1786.
3: [i]-viii, 1-759, *imprint*: id., 1789.
4: [i], [1]-764, *imprint*: À Paris (Chex H. Agasse, . . .) L'an iv de la République.
5: [i*-iii*], [i]-viii, [1]-748, *imprint*: id., An xii-1804. "Continuée par J. L. M. Poiret . . ."
6: [i-iii], [1]-786, *imprint*: id., An xii-1801.
7: [i-iii], [1]-731, *imprint*: id., 1806.
8: [i-iii], [1]-879, *imprint*: id., 1808.
Suppl. 1: [i*, iii*], [i]-iv, [1]-400, *imprint*: id., 1810. [part 2:] v-xviii, 401-761.

Suppl. 2: [i-iii], [1]-384, *imprint*: id., 1811. [part 2:] 385-876.
Suppl. 3: [i, iii], [1]-780, *imprint*: id., 1813.
Suppl. 4: [i, iii], [1]-731, *imprint*: À Paris (chez Mme. veuve Agasse) 1816.
Suppl. 5: [i]-viii, [1]-780, *imprint*: id., 1817.
Other issue vol. 2: 1790, as *Dictionnaire encyclopédique méthodique* . . . Paris (chez Panckoucke, . . . Laporte, . . .). Copy at F (inf. T. Plowman).
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4137. *Tableau encyclopédique et méthodique* des trois règnes de la nature. *Botanique* . . . Paris (Chez Pancoucke, . . .) 1791-1823, 3 Tomes (6 volumes). Qu. (*Tabl. encycl.*).
Co-author: Jean Louis Marie Poiret (1755-1834).
Publ.: Vols. 1-5(1) are by Lamarck, vol. 5(2) and tome 3 are by Poiret. The book is often cited as "*Illustration des genres*" a sub-title occuring on the introductory page of vol. 1, and the title-page of tome 3.

tome	vol.	part	pages	*plates*	dates
1	1	1	1-200	*1-100*	3 Mar 1791
		2	201-352	*101-200*	13 Feb 1792
	2	1	353-440	*201-300*	30 Jul 1792
		2	441-496	*301-400*	11 Feb 1793
2	3	1	1-40	*401-500*	10 Apr 1794
		2	41-48	501-600	1 Sep 1794
	4	1	49-72	601-700	21 Nov 1796
		2	73-136	*701-800*	6 Nov 1797
	5	1		*801-900*	22 Dec 1799
		2	137-551	*901-950*	31 Oct 1819
				951-1000	22 Feb 1823
3			1-728		22 Feb 1823

Copies: G, NY, U, US(2), USDA.
Tome 1 ("Première livraison"): [i*-ii*], [i]-xvi, [1-2], [i]-ii, [3]-496. Imprint as above, 1791.
Tome 2 [i-ii], [1]-551, imprint as above, 1793.
Tome 3: [i], [1]-523, suppl [527]-728, Paris (Chez Mme Ve Agasse, . . .) 1823.
Reissue of plates: The plates were reissued 1823 (or later) with 4 special title-pages: "Recueil de planches de botanique de l'Encyclopédie. Première partie. Planche 1 à 250 [deuxième . . . 251 à 500, troisième . . . 501 à 750; quatrième 751 à 1000] À Paris (Chez Mme veuve Agasse, . . .)" 1823. The plates are copper engravings of drawings by Audebert, Fossier, de Sève, Poiret fils and H.-J. Redouté. The originals were acquired by the Paris Muséum d'Histoire naturelle in 1909.
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4138. *Extrait de la flore française* . . . Paris (Chez Visse, . . .) 1792, 2 vols. Oct. (in fours). (*Extr. fl. franç.*).
Publ.: both volumes medio 1792. *Copies*: G, NY, USDA.
Part 1: p. [i]-xxiv, table, [1]-184, [1-4, err.].
Part 2: p. [i], [1]-318, [1, err.].

4139. *Hydrogéologie* ou recherches sur l'influence qu'ont les eaux sur la surface du globe terrestre; sur les causes de l'existence du bassin des mers, de son déplacement et de son transport successif sur les différens points de la surface de ce globe; enfin sur les changemens que les corps vivans exercent sur la nature et l'état de cette surface. Paris (chez l'auteur . . . Agasse . . . Maillard . . .) An x [1802]. Oct. (*Hydrogéologie*).
Publ.: 1802, p. (1)-268. *Copies*: Kon. Bibl., Brussel.
English translation: Hydrogeology, by J. B. Lamarck, translated by Albert V. Carozzi, Urbana (University of Illinois Press) 1964, [i]-[viii], (1)-152, with editor's introduction on p. 1-11. *Copy*: FAS.
Ref.: Stafleu, F. A., Taxon 20: 402-403. 1971.

4140. *Histoire naturelle des végétaux, classés par familles*, avec la citation de la classe et de l'ordre de Linné, et l'indication de l'usage que l'on peut faire des plantes dans les arts, le commerce, l'agriculture, le jardinage, la médecine, etc. des figures dessinées d'après nature, et un genera complet, selon le systême de Linné, avec des renvois aux familles naturelles de A. L. de Jussieu. Paris (de l'Imprimerie de Crapelet . . . chez Deterville) An XI-1803, 15 vols. 18-mo. (*Hist. nat. vég.*).
Co-author: Charles François Brisseau de Mirbel (1776-1854).
Publ.: Entire work recorded as published on 21 Nov 1802 (JT) although the title-pages of all volumes have "An XI-1803". It is unlikely that at the time of the announcement of the work in the Journal typographique all 15 volumes were indeed available. Volumes 10, 11 and 12, for instance, are reviewed (as just published) in the Journ. phys. chim. hist. nat. 61: 77-78 (Jun-Jul 1805); 13 and 14 ibid. pp. 315-316 (Sep-Oct 1805). On the other hand the Botanische Zeitung (Regensburg) of 28 Mar 1803 reviews all 15 volumes even though only very briefly. Issues (fide JT): 1. Papier carré fin d'Angoulême, plates uncoloured, 2. papier idem, plates coloured, 3. papier vélin, plates uncoloured, 4. papier vélin, plates coloured. – Belongs to the *Suites à Buffon* accompanying the 18mo edition of Buffon, *Histoire naturelle* classée d'après le systême de Linné . . . par R. R. Castel, 80 vols., Paris 1801-1803. A "nouvelle édition" of the *Histoire naturelle des végétaux* of this edition was published in Paris, 1825. – The text of volumes 1 and 2 is by Lamarck, that of vols. 3-15 by Mirbel.
Copies: B (uncol.), BR (numbers of plates as in list below; col.).

1: [i]-xvi, [1]-324
2: [i-iii], [1]-335
3: [i-iii], [1]-588
4: [i-iii], [1]-317, *15 pl.*
5: [i-iii], [1]-332, *10 pl.*
6: [i-iii], [1]-317, *12 pl.*
7: [i-iii], [1]-328, *10 pl.*
8: [i-iii], [1]-328, *10 pl.*
9: [i-iii], [1]-338, *8 pl.*
10: [i-iii], [1]-740, *7 pl.*
11: [i-iii], [1]-326, *6 pl.*
12: [i-iii], [1]-326, *20 pl.*
13: [i-iii], [1]-323, *13 pl.*
14: [i-iii], [1]-285, *6 pl.*
15: [i-iii], [1]-325, *2 pl.*

The numbers of plates in the B copy are *10* (in vol. 4), *9*(5), *10*(6), *9*(7), *10*(8), *7*(9), *6*(10), *6*(11), *21*(12), *7*(13), *7*(14), *1*(15).

4141. *Philosophie zoologique*, ou exposition des considérations relatives à l'histoire naturelle des animaux; à la diversité de leur organisation et des facultés qu'ils en obtiennent; aux causes physiques qui maintiennent en eux la vie et donnent lieu aux mouvements qu'ils exécutent; enfin, à celles qui produisent, les unes le sentiment, et les autres l'intelligence de ceux qui en sont doués. Paris 1809. Oct. (*Philos. zool.*)
Publ.: 14 Aug 1809 (presented to Académie), [1:] p. [i*, iii*], [i]-xxv, [1]-42, [2:] [i], [1]-475. For translations and later editions see the Lamarck bibliographies, cited above.
Facsimile ed.: Weinheim (J. Cramer) 1960. *Copy*: FAS.
Ref.: Stafleu, F. A., Taxon 20: 420-434. 1971.

4142. *Système analitique des connaissances positives de l'homme*, restreintes à celles qui proviennent directement ou indirectement de l'observation. Paris (Germer Baillière) 1830. Oct. (*Syst. anal.*).
Publ.: 1830, p. [i, iii], [1]-362. *Copy*: Kon. Bibl. 's Gravenhage. – Lamarck's main theoretical work of his later years.
Ref.: Stafleu, F. A., Taxon 20: 434-435. 1971.

Lamb, Ivan Mackenzie, later Elke Mackenzie (1911-x), British botanist; at the British Museum 1935-1943; in 1947 in Argentina; 1950 in Canada; 1953-1974 director of the Farlow Herbarium at Cambridge, Mass. (*Lamb*).

HERBARIUM and TYPES: BM, FH, CAN, LIL.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 225; GR p. 375, *pl.* [*33*] (portr.), cat. p. 66; IH 1(ed. 6): 361, 2: 406; Kew 3: 354; Roon p. 66; SBC p. 125 ("Lamb").
Anon., Taxon 3: 92-93. 1954 (becomes curator of FH).
Hawksworth, D. L. & M. R. D. Seaward, Lichenology Brit. Isles 1568-1975. 31, 106-107, 198. 1977.

EPONYMY: *Lambia* R. Delépine (1967). *Note*: *Lamblia* R. Blanchard (1886) is dedicated to Vilém Dušan Fedorovič Lambl (1824-1895), Czech physician.

4143. *Index nominum lichenum* inter annos 1932 et 1960 divulgatorum. New York (The Ronald Press Company) [1963]. Oct. (*Ind. nom. lich.*).
Publ.: 1963, p. [i]-xi, [1, h.t.], 1-809. *Copies*: FAS, U. – Continuation of Zahlbruckner, *Catalogus lichenum universalis* (1860-1938).

Lambert, Aylmer Bourke (1761-1842), British botanist; studied at St. Mary Hall, Oxford; visited Ireland 1798; gentleman of leisure; assembled an important herbarium and library. (*Lamb.*).

HERBARIUM and TYPES: Lambert's herbarium was sold after his death. The annotated sales catalogues at K and BM provide sometimes a key to the places where the various parts are now preserved. A detailed study of the herbarium and its dispersal was made by H. P. Miller. Considerable parts were acquired by BM such as important portions of the herbaria or collections of Pallas, Ruiz and Pavon, George Forster, Buchanan Hamilton, Martin (French Guiana). Delessert (now at G) also acquired a substantial part of the herbarium. Lambert's correspondence with Hooker and others is at K.
Ref.: Lambert, A. B., Catalogue of the valuable botanical library (689 numbers) of the late . . . sold by auction . . . by Mr. Leigh Sotheby . . . April 18th 1842; 42 p.; Catalogue of the highly valuable botanical museum (321 numbers) of the late . . . sold by auction . . . by Mr. Leigh Sotheby . . . June 27th 1842, 16 p.
Miller, H. S., Taxon 19: 489-553. 1970 (main study).

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HANDWRITING: Taxon 19: 492. 1970.

EPONYMY: *Aylmeria* C. F. P. Martius (1826); *Lambertia* J. E. Smith (1798). *Note*: *Lambertella* F. von Höhnel (1918) is dedicated to Rev. P. Lambert Gelbenegger (*fl.* 1917), Austrian botanist. *Lambertia* O. Korshikov (1953) is dedicated to Fred Dayton Lambert (1871-1931), American botanist.

4144. *A description of the genus Cinchona*, comprehending the various species of vegetables from which the Peruvian and other barks of a similar quality are taken. Illustrated by figures of all the species hitherto discovered. To which is prefixed professor Vahl's dissertation on this genus, . . . also a description, accompanied by figures of a new genus named Hyaenanche: or Hyaena poison. London (printed for B. and J. White, . . .) 1797. Qu. (*Descr. Cinchona*).
Co-author: Martin Vahl (1749-1804).
Publ.: 1797 (Monthly Rev., London Dec 1798), p. [i*], [i]-[x], [1]-54, [1, list.], *pl. 1-13* of which nos. *4, 5, 7-12* by Ferd. Bauer. *Copies*: MO, NY, USDA.
Ref.: Britten, J., J. Bot. 47: 426-429. 1909 (plates by Hawkins).

4145. *A description of the genus Pinus*, illustrated with figures, directions relative to the cultivation, and remarks on the uses of the several species . . . London (printed for J. White, . . .) 1803-1824, 2 vols. Fol. (*Descr. Pinus*).

1: 1803 (t.p.; 1803-1807, see below), p. [i*-iv*], [i]-ii, [iii-v], [1]-98, *pl. 1-21, 21[bis], 22-34, 34bis, 35-37, 37bis, 38, 38bis, 39, 40* (as "lx"), *41-43*. *Author*: Lambert.
2: 1824, p. [i]-vi, [1]-26, 27*-34*, [27]-40, 40*, 41-42 [43-45], *pl. 1-6, 8-12*. *Author of volume*: David Don (1799-1841).
Copies: G, NY (col. pl.). – Volume 1 was issued in Sep 1803 (plain copies available in September; coloured copies later; the Monthly Review mentions them only in Nov 1804). The appendix was issued in two parts: the first in 1806 and the last (one sheet) in 1807. The appendix was presented to the Paris Academy on 27 Oct 1806, and the last sheet "feuille servant de continuation à l'appendice" on 21 Dec 1807. Volume 2 was issued in 1824.

vol.	pages	*plates*	dates
1	[i*-iv*], [i]-ii, [1]-86	*1-38, 21bis, 34bis 37bis, 38bis*	Sep 1803
app.	87-94	*39-43*	1806 (before 27 Oct)
	95-98		1807
2	vi, 1-42, [43-45] 27*-34*, 40*	*1-6, 8-12* [+ *Pinus deodora?*]	1824

The contents of the copies vary; Renkema (1928 pp. 20-21) gives a summary of the complete contents. – A few copies were coloured by W. Hooker.

[*Ed. 2*:] *Edition 1828-1837*: 3 volumes, "*A description . . . several species*: also descriptions of many other trees of the family of Coniferae, by Aylmer Bourke Lambert, . . . to which is added an appendix containing descriptions and figures of some other remarkable plants and an account of the Lambertian herbarium, by Mr. David Don, . . . Second edition. In two volumes." London (Messrs Weddell, . . .) 1828. Broadsheet or Fol., 3 vols. London (H. Weddell, . . .) 1837. Fol.

1: 1828, portr. Lambert, [i]-vi, [1]-58, *pl.* [*Pinus Lamb.*], [*1*], [*1bis*], *2-4*, [*5-6*], *7-14*, [*14bis*], *15-23*, [*24*]-*25*, [*26*], *27-33*, [*34*], *35*, [*35bis*]-*36* (in copy US; other copies may have: [1]-62, *pl. 1-38*; see Renkema for minor variations).
2: 1828, p. [i], 59-124, *pl. 37-41*, [*42*, *42bis*], *43-44*, [*44bis*, *44ter.*], *45*, [*45bis*, *46*, *46bis*, *46ter.*], *47*, [*47bis*, *48*], *49*, [*49bis*], *50* [*50bis*], *51*, appendix [1]-8, 7*-8*, 7**-8**, 9-30, [32-35], *pl. 1*, [*2*, *3*, *4*, *5*], *6*, [*7*, *8*].
3: 1837, p. [1-65], *pl.* [*52-80* or *1-17*, *17a*, *18-28*].

Copies: BR, MO, NY, US (composition as above).
Plates: Hand-coloured copper engravings. Due to differences in binding the unnumbered plates show up at different places.
Variation: All copies show differences. NY has e.g. the t.p. for vol. 3, the iii changed to ii, prefacing vol. 2. Vol. 2 was printed by J. Haddon, vol. 3 by George White.

[*Ed. 4*] *1837-1842 edition*, folio, a reprint of the 1828-1837 edition. See Henrey 924, Renkema and NI for further details (no copy seen).

Octavo editions: [3, 5]: see 4146.
Note: In view of the extensive studies by Renkema, Ardagh and Little we refrain from citing all variations, both of the folio and the octavo editions. See below under no. 4146 for these and other references.

4146. *A description of the genus Pinus*, with directions relative to the cultivation, and remarks on the uses of the several species; also descriptions of many other new species of the family of Coniferae. Illustrated with figures. London (Messrs. Weddell) 1832, 2 vols. Oct. (*Descr. Pinus*).

1: 1832, p. [i]-viii, [1]-76, *pl. 1-43*, numbered in text, *2* unnumbered, (extra plates: frontisp., *1a* and *12**).
2: 1832, p. [i], [77]-183, [1-12, misc.], *pl. 44-69*, *79-80*, extra plates *52a*, *56a*, *b*, *65a*, *66a*.

Copy: G. – This is the "third edition", "editio minor" of 4145. For a description see Renkema (1928) p. 12, 13, 24-26, but especially also Little (1949) who provides many details.
Reissue [ed. 5]: London (James Bohn, . . .) 2 vols. 1842, *vol. 1*: text, *vol. 2*: plates. *Copies*: MICH, NY. – ("Ed. 5"). Actually a re-issue of "ed. 3" with 30 extra pages between 144/145. *Text*: [i]-xiv, [1]-144, [1-30], 145-183. *Plates*: see Renkema and Ardagh and Henrey no. 925.
Ref.: GF p. 64; Henrey 920-925 q.v. for further details; NI 1123-1127; SK 1: cxcvi.
Gordon, An alphabetical reference-list of all the coloured plates of the genus *Pinus*, The Pinetum 1880.
Renkema, Med. Landbouwhoogeschool Wageningen 32: 1-28. 1928.
Renkema and Ardagh, J. Linn. Soc. Bot. 48: 439-466. 1930.
Little, Madroño 10: 33-47. 1949.

4147. *An illustration of the genus Cinchona*; comprising descriptions of all the officinal Peruvian barks, including several new species. Baron de Humboldt's account of the Cinchona forests of South America: and Lambert's memoir on the different species of quinquina. To which are added, several dissertations of Don Hippolito Ruiz, on various medicinal plants of South America. With several plates. And a short account of the spikebead of the ancients, with a plate, by Aylmer Bourke Lambert, . . . London (printed for John Searle, . . . and Longman, Hurst, Rees, Orme, and Brown, . . .) 1821. Qu. (in twos). (*Ill. Cinchona*).
Publ.: 1821 (p. ix: 2 Jun 1821), p. [i]-ix, [x, err.], [1]-181, *5 pl.* (uncol. copp.). *Copies*: MO, NY, US, USDA.

Lambert, Wilhelm (1827-1860), German physician and botanist at Iserlohn; Dr. med. Berlin 1849. (*W. Lamb.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: PR 5016.
Ascherson, P. F. A., Fl. Provinz Brandenburg 1: 8. 1864.

4148. *De geographia plantarum in Wetteravia* et Marchia brandenburgica indigenarum nonnulla. Dissertatio inauguralis botanica quam consensu et auctoritate gratiosi medicorum ordinis in Alma litterarum Universitate Friderica Guilelma ut summi in medicina et chirurgia honores rite sibi concedantur die xxvii m. januarii a. mdcccxlix h.l.q.s. publice defendet auctor Guilelmus Lambert . . . Berolini (typis Gustavi Schade) [1849]. Oct. (*Geogr. pl. Wetteravia*).
Publ.: 27 Jan 1849, p. [1]-34. *Copy*: MO.

Lambertye, Léonce, [comte] de (1810-1877), French botanist and horticulturist, from 1834 at Chaltrait, Épernay, Marne. (*Lambertye*).

HERBARIUM and TYPES: Unknown; some material at BR. The type herbarium of the *Catalogue* was given to the Société d'Agriculture de Châlons-sur-Marne.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 338; BL 2: 179, 678; BM 3: 1050-1051; Hortus 3: 1198 ("Lambertye"); IH 2: 407; Jackson p. 418; Kew 3: 355; PR 5017-5018 (ed. 1: 5513); Rehder 5: 484; Tucker 1: 409; Zander ed. 10, p. 682.
André, Rev. hortic. 49: 386-388. 1877.
Anon., Flora 48 (Repert. 1): 55. 1865.
Guillaumin, A., Les fleurs des Jardins xliv. 1929.

EPONYMY: *Bertya* Planchon (1845).

4149. *Catalogue raisonné des plantes* vasculaires qui croissent spontanément dans le département *de la Marne*, distribuées d'après le Synopsis florae Germaniae et Helveticae du docteur G.-D.-J. Koch, deuxième édition, 1 vol. in-8°. Francfort-sur-le Mein, 1843-1844, avec une carte botanique indiquant les principales formations géologiques et toutes les localités citées dans l'ouvrage: . . . Paris (Chez Chamerot, . . .) 1846. Oct. (*Cat. rais. pl. Marne*).
Publ.: 15 Nov-31 Dec 1846 (p. xv: 15 Nov 1846; Flora 28 Mai 1847 rev. dated Apr 1847), p. [i]-xxiv, [1]-207, map. – *Copies*: B, G, NY.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 5: 508-509. 16 Jul 1847 (ed. 2).

Lambotte, Jean Baptiste Émile (1832-1905), Belgian physician and mycologist; teacher at the state teachers college of Verviers. (*Lambotte*).

HERBARIUM and TYPES: Some material at BR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 338; Bossert p. 226; CSP 12: 424, 16: 568; GR p. 690, cat. p. 66; IH 2: 407; LS 14817-14827; Rehder 5: 484; Stevenson p. 1248.
Anon., Bull. Soc. Bot. Belg. 42(3): 173. 1906.
Grondal, Rev. Verviét. Hist. nat. 9(5/6): 55. 1952.

EPONYMY: *Lambottiella* (P. A. Saccardo) P. A. Saccardo (1913).

4150. Ouvrage national. *Flore mycologique belge* comprenant la description des espèces trouvées jusqu'à ce jour . . . Verviers (Imprimerie G. Nautet-Hans, . . .) 1880, 3 vols. Qu. (*Fl. mycol. belge*).

1: late 1880 (p. 10: 15 Jan 1880; Nat. Nov. Jan(1) 1881; Bot. Zeit. 25 Feb 1881), p. [1]-524, [1-7, key].
2: late 1880 (id.), p. [1]-599.
3: late 1880 (id.), p. [1]-331, [1-5, err.].

Copies: BR, NY, Stevenson, USDA.
Premier supplément comprenant les Hyménomycètes-Pyrenomycètes-Discomycètes addition de 1070 espèces à la flore de 1880 . . . Bruxelles (F. Hayez, . . .) 1887. Oct. *Publ.*: 1887 (p. 11: 31 Dec 1886; Bot. Zeit. 29 Jun 1888; Nat. Nov. Dec(2) 1887), p. [1]-350, *plate*, [1. err.]. *Copies*: BR, Stevenson, USDA. – Reprinted from Mém. Soc. roy. Sci. Liège ser. 2. vol. 14(7).
Deuxième supplément comprenant les Sphaeropsideae-Melanconieae-Hyphomycetes, addition de 850 espèces à la flore de 1880 et 250 figures représentant les genres . . . s.l.n.d. [Bruxelles 1889]. *Publ.*: 1889 (p. 4: 15 Feb 1888; Nat. Nov. Oct(2) 1889), p. [1]-305, *17 pl. Copies*: BR, NY, Stevenson, USDA. – Reprinted from Mém. Soc. roy. Sci. Liège ser. 2. vol. 16(9).

Lammersdorff, Johann Anton (*fl.* 1781), German botanist, born at Hannover; Dr. med. Gotting. 1781. (*Lammersd.*)

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1051; Dryander 3: 441, 5: 315; PR 5020 (ed. 1: 5515).

4151. Dissertatio inauguralis botanica sistens *Plantarum cryptogamicarum fructificationis* historiae prodromum de filicum fructificatione quam consentiente gratiosissimo medicorum ordine pro summis in arte medica honoribus rite obtinendis die xv septembris mdcclxxxi publico eruditorum examini submittit auctor Joannes Antonius Lammersdorff hanoveranus. Gottingae [Goettingen] (Typis Joh. Christian. Dieterich) s.d. [1781]. Qu. (*Pl. crypt. fruct.*)
Publ.: 15 Sep 1781, p. [1]-35. *Copies*: HH, NY, WU (inf. W. Gutermann).

Lamotte, Martial (1820-1883), French pharmacist and botanist at Riom, professor at the École de médecine et de pharmacie at Clermont-Ferrand. (*Lamotte*).

HERBARIUM and TYPYS: CLF (30.000); other material at BR, P. – Lamotte's *Iconographie et descriptions des champignons de l'Auvergne*, 6 vols., 865 watercolour plates, is described by Collins (Sotheby 432).
Ref.: Loiseau, Monde Pl. 369: 5. 1971.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 786; Backer p. 313; Barnhart 2: 338; BL 2: 111, 678; BM 3: 1051; CSP 3: 822, 8: 153, 12: 424; Dawson p. 163, 942; Hortus 3: 1198 ("Lamotte"); IH 1(ed. 6): 361, 2: 408; Jackson p. 226, 277, 278; Kew 3: 356; LS 14828; Plesch p. 296; PR 5021-5023; Rehder 5: 484; Sotheby no. 432 (mss. iconogr.); Tucker 1: 410.
Anon., Bot. Not. 1884: 39.
Bureau, L. E., Bull. Soc. bot. France 30: 109. 1883.

COMPOSITE WORKS: With H. Lecoq, (4278) *Catalogue raisonné des plantes vasculaires du Plateau central de la France*, 1847-[1848] (Ann. Sci. Auvergne 20: 101-527. 1847). – See also no. 4374.

EPONYMY: The etymology of *Lamottea* Pomel (1860) and *Lamottea* Pomel (1870, non 1860) could not be established.

4152. *Catalogue des plantes vasculaires de l'Europe centrale*, comprenant la France, la Suisse, l'Allemagne, . . . Paris (Chez J.-B. Baillière, . . .), Londres (Chez H. Baillière, . . .) 1847. Oct. (*Cat. pl. Eur. centr.*).
Publ.: Jun-Dec 1847 (p. 6: 20 Mai 1847), p. [1]-103. *Copies*: MO, NY, USDA. – A second edition of Lamotte, *Catalogue des plantes phanérogames* qui croissent spontanément en France . . ., Ann. Sci. Auvergne 13: 16-92. 1840.

4153. *Études sur le genre Sempervivum*, Lin. . . . Clermont-Ferrand (Ferdinand-Thébaud, . . .) 1864. Oct. (*Étud. Sempervivum*).
Publ.: Feb-Oct 1864 (read at Acad. 14 Jan 1864; BSBF rd. 11 Nov 1864), p. [1]-57. *Copy*: G. – Reprinted from Mém. Acad. Sci. Clermont-Ferrand 6: [257]-311. 1864 (*Copy*: MO).
Ref.: Anon., Bull. Soc. bot. France 11(bibl.): 147-148. 1864.

4154. *Prodrome de la flore du Plateau central de la France* comprenant l'Auvergne, le Velay, la Lozère, les Cévennes, une partie du Bourbonnais et du Vivarais. Paris (G. Masson, . . .) 1877. Oct. † (*Prodr. fl. Plat. centr.*).

Part 1: Oct 1876 (t.p. reprint 1877; J. Bot. Nov 1876; Bot. Zeit. Nov 1876; BSbF Oct 1876), p. [i-v], [1]-355. – Mém. Sci. Clermont-Ferrand 17: 117-226, 285-344, 441-620. 1875.
Part 2: Jan-Jun 1881 (t.p. reprint; Nat. Nov. Jul(1) 1881; Bot. Zeit. 29 Jul 1881), p. [i-iii], 351-628. Mém. Sci. Clermont-Ferrand 20: 455-548. 1878, 21: 125-190, 491-543. 1879, 22: 112-174. 1880.
Copies: G, MO, NY, USDA.
Ref.: Loret, H., Etude du Prodrome de M. Lamotte, s.l. 1882, 21 p., Rev. Sci. nat. Jun 1882.
Anon., Bull. Soc. bot. France 22 (bibl.): 191. 1875, 28: 76. 1881.

Lamouroux, Jean Vincent Félix (1779-1825), French algologist and professor of natural history at Caen; from 1808 at the Lycée de Caen; from 1809 at the Faculté des Sciences (1812 succeeding Roussel as professor). (*J. V. Lamour.*).

HERBARIUM and TYPES: Lamouroux's herbarium was dispersed after his death. An important part is at CN. Other parts are B, G (through Delessert), G-DC and PC.
Ref.: Womersley, H. B. S., Austr. J. mar. freshwater Res. 7: 347. 1956.
Koster, J. T., Taxon 18: 555. 1969.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 393; Barnhart 2: 339; BM 3: 1051-1052; Bossert p. 226; CSP 3: 822-823, 16: 571; De Toni 1: lxxv; DSB 7: 609-610; Frank 3(Anh.): 55; Henrey 2: 161; IH 1(ed. 6): 361, 2: 408; Kew 3: 356; KR p. 380; Lasègue p. 289; Moebius p. 66, 84; NI 1129; Plesch p. 296; PR 5024-5026 (ed. 1: 5517-5520); TL-1: 648; TL-2/1: 669, 670, 1663; Urban-Berl. p. 266.
Anon., Flora 8: 576. 1825; Mém. Acad. natl. Sci. Arts Belles-Lettres, Caen 1891(2): 91-93; Mém. Soc. Linn. Paris 4: 705-710. 1826.
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Darlington, W., Reliq. Baldwin. 158. 1853.
Debeaux, Rev. de Bot., Toulouse 13("12"): 9-10. 1895.
Eudes-Deslongchamps, Mém. Acad. roy. Sci. Caen 1829: 357-383.
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J., Dict. Sci. méd. 5: 494. 1822.
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Martin, M., Ind. Corr. Torrey p. 462. 1973.
Milner, J. D., Cat. Portr. Kew 73-74. 1906.
Moreau, Rev. Hist. Sci. 17: 121-128. 1968 (on the 1818 portr. by J. S. Cotman).
Parisot, Biogr. univ. anc. mod. suppl. 70: 112-118. 1842 (n.v.).
Schmid, G., Chamisso als Naturforscher 170. 1942.
Wittrock, V. B., Acta Horti Berg. 3(2): 114. 1903.

HANDWRITING: in his *Diss. Fucus*, 1805, p. iv.

COMPOSITE WORKS: Contributed to Bory de Saint-Vincent, *Dictionnaire classique d'histoire naturelle*, Paris 1822-1831 (TL-2/669).

EPONYMY: *Lamourouxia* C. A. Agardh (1817, *nom. rej.* This is an illegitimate substitute name for *Claudea* J. V. F. Lamouroux (1813), which was dedicated to Claude Lamouroux (1741-x), father of Jean Vincent Félix. Agardh dedicated his new name explicitly to father and son); *Lamourouxia* Humboldt, Bonpland et Kunth (1818, *nom. cons.*).

4155. *Dissertations sur plusieurs espèces de Fucus*, peu connues ou nouvelles; avec leur description en latin et en français. I.er fascicule. À Agen (de l'Imprimerie de Raymond Nouvel), Paris (Chez Treuttel et Würtz). An xiii. = 1805. Qu.† (*Diss. Fucus*).

Publ.: Mar 1805 (p. v. dated 1 Mai 1805 but this date corrected in G copy to 1804; the book was announced in the March issue of JGLF for 1805), [i]-xxiv, [1]-83, [1, err.], *pl. 1-36* (uncol. copper engr.). *Copies*: G, MO, NY, US, USDA; IDC 6005.
Ref.: Anon., Magas. enc. 1807(6): 421-423.

4156. *Mémoires sur la montée* et sur une nouvelle classification des polypiers corralligènes non entièrement pierreux; par M. Lamouroux, D.E.S., . . . [Caen (Chez G. Le Roy, . . .) 1812]. Qu. (*Mém. montée*).
Publ.: Dec 1812 (or somewhat later?; date journal), p. [1]-8. *Copy*: BR. – Reprinted from "nouveau Bulletin philomatique, Décembre 1812." [Nouveau Bulletin de la Société philomatique de Paris 3: 181-188. 1812].

4157. *Essai sur les genres de la famille des Thalassiophytes non articulées* . . . Paris (Chez G. Dufour et Cie., . . . de l'imprimerie de A. Belin) 1813. Qu. (*Essai Thalassioph.*).
Publ.: Aug 1813 (read 3 Feb 1812), p. [i, iii], [1]-84, *pl. 7-13* (*1-7*). *Copies*: MO, NY. – Reprinted from Ann. Mus. Hist. nat. 20: 21-47, 115-139, 267-293, *pl. 7-13*. 1813 (journal *copy*: U).
Ref.: Sherborn, C. D., Ann. Mag. nat. Hist. ser. 8. 367. 1914.

4158. *Histoire des polypiers coralligènes flexibles*, vulgairement nommés zoophytes . . . Caen (De l'imprimerie de F. Poisson, . . .) 1816. Oct. (*Hist. polyp. corall.*)
Publ.: 1816, p. [i]-lxxxiv, chart, [1]-559, [560, err.], *pl. 1-19* (uncol., by author). *Copies*: BR, FH, NY.
English translation: 1824, p. [i*.iv*], [i]-xxvi, [27]-284, *pl. 1-16* (uncol. liths.). *Copy*: FH. – "*Corralina*; or a classical arrangement of flexible coralline polypidoms, selected from the French . . ." London (printed by A. J. Valpy, . . .) 1824. Translator anonymous.
Ref.: Lamouroux, J. V. F., J. Phys. 86: 290-304. 1818.

4159. *Exposition méthodique des genres de l'ordre des polypiers*, avec leur description et celle des principales espèces, figurées dans 84 planches; les 63 premières appartenant à l'histoire naturelle des zoophytes d'Ellis et Solander, . . . A Paris (Chez Mme Veuve Agasse, . . .) 1821. Qu. (*Expos. polyp.*).
Publ.: 1821, p. [i]-viii, chart, [1]-115, pl. 1-84 (uncol., by author). *Copy*: BR.

Lamouroux, Jean [Jeanin,] Pierre Péthion (1797-1866), French physician; Dr. med. Paris 1818; popular writer on botany; brother of J. V. F. Lamouroux. (*J. P. Lamour.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 339; BM 1: 87; 3: 1052; MD p. 172. 174; PR 5027-5028 (ed. 1: 5521-5524); Rehder 5: 484.
Debeaux, Rev. de Bot., Toulouse 13["12"]: 10. 1895.

4160. *Résumé complet de botanique* . . . Paris (aux Bureaux de l'encyclopédie portative, . . . et chez Bachelier, lib., . . .) 1826, 2 vols., 16-mo (in eights). (*Résumé bot.*).
Co-author (vol. 2, physiol., pathol.): Charles François Bailly de Merlieux (1800-1862).

1: 28 Jun 1826, p. [i*-ii*], frontisp., [iii*], [i]-iv, [1]-280, *pl. 1-2* (uncol.).
2: 30 Aug 1826, p. [i*-ii*], frontisp., [iii*], [1]-iv, [1]-280, *pl. 3* (id.).
Copy: B. – Livraisons 12 and 13 of the *Encyclopédie portative* (ed. C. Bailly de Merlieux).
German translation: Leipzig 1828 (n.v.).
Italian translation: Milano 1843 (n.v.).

4161. *Résumé de phytographie*, ou d'histoire naturelle des plantes, contenant les caractères distinctifs et la description des familles et des genres du règne végétal, avec l'histoire, la patrie et les usages de toutes les espèces remarquables; accompagné d'une iconographie de 108 planches . . . Paris (au Bureau de l'encyclopédie portative, . . . et chez Bachelier, libraire, . . .) 1828, 2 vols. (in 3), 16-mo. (in eights). (*Résumé phytogr.*).
1: 1828, p. [i]-xvi, [1]-220; *2*: 1828, p. [i]-viii, [1]-404. – *Coll. figures*: 1828, p. [i], [1]-82, *pl. 1-108* (uncol. liths. by Madame S. Lamouroux). *Copy*: NY. – Part of the Encyclopédie

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"*Impressio fraudosa*" (PR): Bruxelles, Hauman, 1838 (n.v.).

Lamson-Scribner, Frank (originally Franklin Pierce Lamson) (1851-1938); American agrostologist; at Girard College, Philadelphia (1877-1885); from 1885 at the U.S. Dept. Agriculture; L.L.D. h.c. Univ. Maine 1920. (*Lams.-Scribn.*).

HERBARIUM and TYPES: main herbarium at US (through A. S. Hitchcock); other material at A, B, BPI, C, GH, K, NY.

NAME: Also frequently alphabetized under Scribner, F. Lamson (e.g. CSP, IH).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 339; BL 1: 123, 184; BM 3: 1052; CSP 12: 669, 16: 575, 18: 650-651; IH 2: 408; Kew 3: 357; Langman p. 426-427; Lenley p. 363-364; LS 35774-35775; NW p. 57.
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Harshberger, J. W., Bot. Philadelphia 358-360. 1899.
Kearney, T. H., Leaflets Western Bot. 8(12): 276. 1958.
Pennell, F. W., Bartonia 22: 18-19. 1943.
Rickett, H. W., Index Bull. Torrey bot. Club 89-90. 1955.
Rodgers, A. D., Amer. bot. 1873-1892, p. 116, 231-232, 239, 245, 250. 1944.
Verdoorn, F., Chron. bot. 4(3): 261. 1938, 5: 284. 1939 (portr.).
Woods, Science 88: 101-102. 1938.

COMPOSITE WORKS: (1) Translator (with Effie Almira Southworth, b. 1860, later Mrs. V. M. Spalding) of *The true grasses*, by E. Hackel, 1890, see no. 2231.
(2) See under L. H. Pammel for various agrostological papers under joint authorship.

EPONYMY: *Scribneria* Hackel (1886).

4162. *The grasses of Tennessee* . . . Knoxville, Tennessee, U.S.A., 2 parts. 1892-1894. (*Grasses Tennessee*).
Part 1: Apr 1892, Bull. Agric. Exp. Stat. Univ. Tennessee 5(2): [27]-119, *figs. 1-72*, [p. 4 cover: corrections].
Part 2: Jan 1894, ib. 7(1): [i-ii], [1]-141, *pl. 1-47*, [err. on inside cover].
Copies: MO, NY, US, USDA.

4163. Bulletin no. 7. U.S. Department of Agriculture. Division of agrostology. [Grass and forage plant investigations.] *American grasses.* (Illustrated.) . . . Washington (Government Printing Office) 1897. Oct. (*Amer. grasses*).

Ed. [*1*]: Mai 1897 (statement by the editor, Arnold, in Hitchcock copy at US), p. [1]-331. *Copies*: L, US(2), USDA. – *Number* of copies printed: 1000.
Ed. 2: Nov-Dec 1898 (submitted 22 Apr 1898), p. [1]-331. *Copies*: MO, NY, USDA. – Bulletin no. 7. Revised edition. U.S. . . . *American grasses* I. (Illustrated) . . . Washington (id.) 1898. Oct.
Ed. 3: 1900 (submitted 21 Mar 1900), p. [1]-319, *fig. 1-302. Copies*: US, USDA.

4164. Bulletin no. 17. (Agros. 40.) U.S. Department of Agriculture. Division of Agrostology. [Grass and Forage Plant Investigations.] *American grasses – II.* (Illustrated.) . . . Washington (Government Printing Office) 1899. Oct. (*Amer. grasses II*).

Ed. [*1*]: Jun 1899 (statement by editor, Arnold, in Hitchcock copy at US), p. [1]-349, *fig. 303-627. Copies*: MO, US, USDA.
Ed. 2: 22 Mai 1901 (id.), p. [1]-349, *fig. 303-627. Copies*: NY, US, USDA. – Bulletin no. 17.

(Revised edition) (Agros. 80) . . . Washington (id.) 1901. Oct. – Also with indication "(Agros. 79.)."

4165. Bulletin no. 20. (Agros. 60) U.S. Department of Agriculture. Division of Agrostology [Grass and Forage plant investigations.] *American grasses – III.* (Illustrated.) Descriptions of the tribes and genera . . . Washington (Government Printing Office) 1900. Oct. (*Amer. grasses III*).
Ed. 1: 1900 (submitted 12 Jan 1900), p. [1]-197, *Fig. 1-137. Copies*: L, MO, US.
Ed. 2: 1900 (submitted 1 Oct 1900), p. [1]-197, *fig. 1-137. Copy*: USDA. – Bulletin no. 20 (Revised) (Agros. 72.) . . .

4166. Bulletin no. 21. Agros. 61. U.S. Department of Agriculture. Division of Agrostology. [Grass and Forage plant investigations.] *Studies on American grasses.* The North American species of *Chaetochloa* . . . Washington (Government Printing Office) 1900. Oct. (*Chaetochloa*).
Co-author: Elmer Drew Merrill (1876-1956).
Publ.: 8 Mar 1900 (t.p.), p. [1]-44, *fig. 1-24. Copies*: G, USDA.

4167. Bulletin no. 24. U.S. Department of Agriculture. Division of Agrostology. [Grass and forage investigations.] *Studies on American grasses.* I. Some recent collections of Mexican grasses . . . II. Notes on Panicum nitidum . . . III. Miscellaneous notes . . . Washington (Government Printing Office) 1900 [i.e. 1901]. Oct. (*Stud. Amer. grasses*).
Co-authors: (for i and ii:) Elmer Drew Merrill (1876-1956), (for iii:) Carleton Roy Ball (1873-1958).
Publ.: 9 Jan 1901 (t.p., but imprint "1900"), p. [1]-55, *fig. 1-23. Copies*: MO, NY, USDA.

Lamy de la Chapelle, Pierre Marie Édouard (1804 [not 1803]-1886), French cryptogamist and banker at Limoges. (*Lamy*).

HERBARIUM and TYPES: PC (Lamy left his cryptogamic herbarium to Malinvaud). L's phanerogamic herbarium is at ANG (through Boreau). An early cryptogamic collection went to Duby. Other bryophytes at BR. – Exsiccatae:
(1) *Flore Galliae et Germaniae exsiccata* (1841), set at L.
(2) *Hepaticae Galliae* (1840-1929, with Husnot and Puget).
Ref.: Husnot, P. T., Rev. bryol. 13(6): 110-111. 1886.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 455, 6(1): 616; Barnhart 2: 339 (d. "1803"); BL 2: 159, 678; BM 3: 1052; CSP 3: 829-830, 12: 424, 16: 575; Frank 3(Anh.): 55; GR p. 285, *pl.* [*30*] (portr.), cat. p. 66; IH 2: 408; Jackson p. 168, 284; Kew 3: 357; LS 14831-14837, 35776-35778; PR 5029-5032 (ed. 1: 5525); Rehder 5: 485; SBC p. 125 ("Lamy"); Tucker 1: 410.
Anon., Bot. Zeit. 44: 804. 1886; Hedwigia 26: 40. 1887; Bot. Gaz. 11: 343. 1886; Bot. Jahrb. 8(Beibl. 19). 1887.
Chatin, G. A., Bull. Soc. bot. France 33: 468. 1886.
Husnot, P. T., Rev. bryol. 13(6): 110-111. 1886 (partial bibl.).
Malinvaud, L. J. E., Bull. Soc. bot. France 33: 144. 1886.
Roumeguère, C., Rev. mycol. 9(33): 60. 1887.
Wittrock, V. B., Acta Horti Berg. 3(3): 105-106, *pl. 139.* 1905 (portr.).

EPONYMY: *Lamyella* E. M. Fries (1849); *Lamyella* Berlese (1899); *Neolamya* Theissen & H. Sydow (1918).

4168. *Simple aperçu sur les plantes cryptogames et agames du département de la Haute-Vienne* par M. Édouard Lamy. Limoges (Imprimerie de Chapoulaud frères) 1860. Oct. (*Pl. crypt. Haute-Vienne*).
Publ.: 1860, p. [i], [1]-41. *Copy*: NY. – Reprinted from Congr. Sci., France 26: 459-499. 1859 (1860).

4169. *Mousses et hépatiques du département de la Haute-Vienne* . . . Paris (F. Savy, . . .) 1875. Oct. (*Mouss. hépat. Haute-Vienne*).
Publ.: Oct-Dec 1875 (BSbF Nov-Dec 1875), p. [1]-54. *Copy*: NY. – Reprinted from Rev. bryol. 2(4): 49-101. Oct-Dec 1875.

4170. *Mousses et hépatiques du Mont-Doré* . . . Condé-sur-Noireau (Imprimerie typographique d'Eugène l'Enfant) 1875. Oct. (*Mouss. hépat. Mont-Doré*).
Publ.: 1875, p. [1]-19. *Copy*: NY. – Reprinted from Rev. bryol. 2(2): 23-31. Apr-Jun 1875, 2(3): 33-43. Jul-Sep 1875, see also 2( ): 49-101. 1875. Journal article entitled *Simple aperçu sur les mousses et les hépatiques du Mont-Doré.*
Supplement 1: Dec 1876, p. [1]-8. *Copy*: NY. – Reprinted from Rev. bryol. 3(4): 49-56.
Supplement 2: 1878, p. [1]-11. *Copy*: NY. – Reprinted from Rev. bryol. 5(3): 33-43.

Landsborough, David (1779-1854), Scottish clergyman and botanist; minister of Stevenson, Ayrshire 1811, at Saltcoats 1843; died of cholera. (*Landsb.*)

HERBARIUM and TYPES: Plants at E and K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 340; BB p. 179-180; BL 2: 296, 297, 298, 678; BM 3: 1053; CSP 3: 836, 16: 585; Desmond p. 369; De Toni 1: lxxv, 4: xxxvi; DNB 32: 62-63; IH 2: 408; Jackson p. 242; Kew 3: 358; NI 1131; Nordstedt p. 21; PR 5037-5038; Rehder 5: 488.
Anon., Bot. Zeit. 13: 247-248. 1855; Proc. Linn. Soc. London 2: 426. 1855.
Hawksworth, D. L. & M. R. D. Seaward, Lichenol. Brit. Isl. 107. 1977.

EPONYMY: *Landsburgia* [sic] W. H. Harvey (1855).

4171. *A popular history of british sea-weeds*, comprising their structure, fructification, specific characters, arrangement, and general distribution, with notices of some of the fresh-water algae . . . London (Reeve, Benham, and Reeve, . . .) 1849. Oct. (*Pop. hist. brit. sea-weeds*).

Ed. 1: Jun-Jul 1849 (p. vii: Mai 1849; Bot. Zeit. 18 Jan 1850), p. [i]-xx, [1]-369, *pl. 1-20* (col. liths. Fitch) and [*1a*, *1b*] (uncol., anat.). *Copies*: L, NY, USDA.
Ed. 2: 1851, p. [i]-xx, [1]-400, *pl. 1-20* (col. liths. Fitch). *Copy*: B. – London (Reeve and Benham, . . .) 1851. Oct.
Ed. 3: 1857, p. [i]-xvi, [1]-400, *pl. 1-20* (col. liths. Fitch) and *1a*, *1b* (uncol.). *Copies*: G, MICH, NY. – London (Lovell Reeve, . . .) 1857. Oct.

Lanessan, Jean Marie Antoine de [Jean Louis de] (1843-1919), French botanist. (*Laness.*).

HERBARIUM and TYPES: Some material at P.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 340; BL 1: 251, 305, 2: 189, 678; BM 3: 1054 ("J. L. de Lanessan"); IH 2: 409; Jackson p. 75, 132, 204; NAF ser. 2. 5: 245; Plesch p. 296; TL-2/1: 253; Tucker 1: 410.
Urban, I., Symb. ant. 1: 93. 1896.

EPONYMY: The etymology of *Lanessania* Baillon (1875) could not be established.

4172. *Histoire des drogues d'origine végétable* par F. A. Flückiger . . . et Daniel Hanbury . . . traduction de l'ouvrage anglais "Pharmacographia" augmentée de très-nombreuses notes par le Dr. J.-L. de Lanessan . . . avec une préface de H. Baillon et 320 figures dessinées pour cette traduction par L. Hugon . . . Paris (Octave Doin, editeur . . .) 1878, 2 vols. Oct. (*Hist. drogues orig. vég.*).
Original authors: Friedrich August Flückiger (1828-1894), Daniel Hanbury (1825-1875).
Préface: Henri Ernest Baillon (1827-1895).
Publ.: 1878. *Copy*: U.
1: [i]-xi, [xii, err.], [1]-667.
2: [i-iii], [1]-671, [672, err.].

4173. *Flore de Paris* (Phanérogames et cryptogames) contenant la description de toutes les espèces utiles ou nuisibles, avec l'indication de leurs propriétés médicales, industrielles et économiques et des tableaux dichotomiques très détaillés permettant d'arriver facilement à la détermination des familles, des tribus, des genres et des espèces de toutes les phanérogames

et cryptogames de la région parisienne augmentée d'un tableau donnant les synonymes latins, les noms vulgaires, l'époque de floraison, l'habitat et les localités de toutes les espèces, d'un vocabulaire des termes techniques, et d'un mémento des principales herborisations, avec 702 figures dans le texte. Paris (Octave Doin) 1884. 18-mo. (*Fl. Paris*).
Publ.: Apr 1884 (p. vi: 6 Apr 1884; Nat. Nov. Apr(2) 1884; Bot. Zeit. 30 Mai 1884), p. [i]-xlii, [1-2, abbr., err.], [1]-902. *Copy*: G.

4174. République française. Ministère de la marine et des colonies. (Administration des colonies.) Annexe aux notices coloniales publiées à l'occasion de l'exposition universelle d'Anvers en 1885. *Les plantes utiles des colonies françaises*, ouvrage publié sous la direction de J.-L. de Lanessan, . . . Paris (Imprimerie nationale) 1886. Oct. (*Pl. util. col. franç*).
Publ.: 1886 (J. Bot. Nov 1886), p. [i*-iv*], [i]-iv, [1]-990. *Copies*: B, L, M, NY, US, USDA.

Láng, Adolf Franz [Franz Adolf, Adolph] (1795-1863), Hungarian botanist and pharmacist at Pest, from 1832 at Neutra. (Nyitira). (*A. Láng*).

HERBARIUM and TYPES: Main collections at BP and W; duplicates in many herbaria; see IH.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(1): 271; Barnhart 2: 342; Bossert p. 227; Clokie p. 196-197; Hortus 3: 1198 ("Lang, A."); IH 2: 409; Kanitz 131; PR 5039 (ed. 1: 5528); TR 740; Zander ed. 10, p. 682.
Anon., Bot. Zeit. 21: 400. 1863; Flora 47: 30. 1864.
Pax, F., Grundz. Pflanzenverbr. Karpathen 1: 12. 1898 (Veg. Erde 2(1)).

EPONYMY: *Langia* Endlicher (1837) probably commemorates him. *Note*: *Langliella* W. N. Croft & E. A. George (1959) and *Langoxylon* F. Stockmans (1968) are dedicated to William Henry Lang (1874-?), English geologist.

4175. *Enumeratio plantarum in Hungaria* sponte *nascentium*, quas in usum botanicarum legit Adolphis Franciscus Láng pharmaciae magister. [Pestini [Pest, Budapest] 1822]. (*Enum. pl. Hung.*)
Publ.: Dec 1822 (p. [2]: Id. Dec 1822), p. [1]-12. *Copies*: G, MO.

Lang, Otto Friedrich (1817-1847), German botanist at Verden an der Aller in the former province of Hannover. (*O. Lang*).

HERBARIUM and TYPES: Material at HAN and OXF.
Ref.: Anon., Bot. Zeit. 9: 672. 1851 (herb. for sale).

BIBLIOGRAPHY and BIOGRAPHY: Clokie p. 197; CSP 3: 839; DTS 1: 165-166; IH 2: 409; KR p. 381; PR (alph.); TR 741.

4176. *Caricineae germanicae et scandinavicae* sive descriptio omnium caricinearum hucusque in Helvetia, Germania, Dania, Suecia, Norvegia, Lapponia, Fennia et Islandia lectarum . . . Halis Saxonum [Halle a. S.] (typis expressum Gebauerio – Schwetschkianis) 1851. Oct. (*Caric. germ. scand.*).
Publ.: Nov-Dec 1851 (p. 3: Mai 1847; the author died 26 Dec 1847), p. [i], [1]-144. *Copy*: NY. – Reprinted from Linnaea 24: 481-552. Nov 1851, 553-639. Jan 1852. – Description of 157 species.
Ref.: Anon., Bot. Zeit. 9: 686-688. 1851.

Lange, Jakob Emanuel (1864-1941), Danish mycologist; 1888-1924 teacher at the Danish agricultural Folk Highschool at Dalum near Odense; 1918-1934 principal of the Smallholders Agricultural School at Odense; active liberal politician. (*J. E. Lange*).

HERBARIUM and TYPES: C; other material at MANCH and PR.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 56; Barnhart 2: 342; BFM 2220, 2226, 2227; BL 2: 37; Bossert p. 227; Hortus 3: 1198 ("Lange, J. E."); IH 2: 410; Jackson p. 569; Kew 3: 361; LS 14871; NI 1132; SBC p. 125 ("J. Lange"); Stevenson p. 1248.

Buchwald, N. F., Bot. Tidsskr. 46(1): 81-86. 1942 (portr.); Friesia 2: 209-220. 1943 (bibl.).
Hansen, A., Dansk bot. Ark. 21(1): 66-67. 1963 (q.v. for further biogr. refs.).
Hesler, L. R., Biogr. sketches North Amer. mycol. 1975, mss.
Lind, J., Danish fungi herbarium E. Rostrup 32. 1913.
Smith, A. H., Mycologia 38: 226-227. 1946.
Pearson, A. A., Mycologia 39(1): 1-4. 1947 (portr.).

4177. *Studies in the Agarics of Denmark* . . . København (H. Hagerup's Boghandel . . .) 1914-1938, 12 parts. Oct. (*Stud. Agarics Denmark*).
Publ.: A series of papers published in *Dansk botanisk Archiv*:

part	Dansk botanisk Archiv	dates
1	1(5): [1]-40, *pl. 1-2*, with text	Apr 1914
2	2(3): [1]-53, *pl. 1-2*, id.	Oct 1915
3	2(7): [1]-50, *pl. 1-3*, id.	Jul 1917
4	2(11): [1]-44, *pl. 1.*	Apr 1921
5	4(4): [1]-55, *pl. 1-2.*	Oct 1923
6	4(12): [1]-52, color chart.	Jul 1926
7	5(5): [1]-41, [42-44], *1 pl.* with text	Jul 1928
8	6(5): [1]-61, [62-64], *pl. 1-2* id.	Mai 1930
9	8(3): [1]-43, [44-46], *pl. 1.*	Jun 1933
10	8(7): [1]-52, [53-56], *pl. 1.*	Jul 1935
11	9(1): [1]-45, [46].	Jan 1936
12	9(6): [1]-104, [indexes 1-8].	Oct 1938

Copies: Stevenson, U.
Ref.: Lange, Friesia 9(1/2): 123. 1969.

4178. *Flora agaricina danica* published under the auspices of the Society for the advancement of mycology in Denmark and the Danish botanical society [.] Collaborators: N. F. Buchwald, M. P. Christiansen, C. Ferdinandsen, Poul Larsen, F. H. Møller, Ø. Winge et al. . . . Copenhagen (printed by Recato A/S Copenhagen), 1935-1940, 5 vols. (*Fl. agaric. danic.*).
Collaborators: Nils Fabritius Buchwald (1898-x); Mads Peter Christiansen (1889-x); Carl Christian Frederik Ferdinandsen (1879-1944); Poul Larsen (1864-1938); Frits Carl Joachim Hansen Møller (1887-1962); Øjvind Winge (1886-1964).

1(1): med. Nov 1935 (pref. Mai 1935), [1]-40, *pl. 1-16.*
1(2): early Mar 1936, 41-90, [1-4], *pl. 17-40.*
2: early Mar 1937, [1]-105, [1-4], [1, t.p. pl.], *pl. 41-80.*
3: med. Mar 1938, [1]-96, [1-4], [1, t.p. pl.], *pl. 81-120.*
4: early Mai 1939, [1]-119, [1-4], [1, t.p. pl.], *pl. 121-160.*
5: med. Sep 1940, [1]-105, [106, postscr.], [i-ii, ind. vol. 5], [1, h.t. pl.], *pl. 161-200*, [iii-iv, list ills., i* h.t. compl. work, iii* t.p. compl. work], [i]-xxiv consp.

Copies: MICH, NY, Stevenson, U, USDA. – For history, coverage, original paintings, nomenclature and dates see Lange (1969). – Number of taxa depicted: 1184.
Ref.: NI 1132.
Rendle, A. B., J. Bot. 75: 357-358. Dec 1937 (vols. 1, 2).
Smith, A. H., Mycologia 29(4): 554-556. 1937 (vols. 1, 2), 30(5): 599-600. 1 Oct 1938 (vol. 3).
Seaver, F. J., Mycologia 31(4): 502. 1 Aug 1939 (vol. 4).
Lange, Friesia 9(1/2): 121-132. 1969.

Lange, Johan Martin Christian (1818-1898), Danish botanist at Copenhagen; 1842-1848 teacher; 1851-1858 librarian at the botanical garden (1856-1876 part-time director); 1858-1893 lecturer in botany at the agricultural and veterinary college; from 1860 professor of botany at the polytechnical university; Dr. phil. h.c. 1877 Uppsala. (*Lange*).

HERBARIUM and TYPES: C; duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 183, 5(3): 88; Barnhart 2: 342; BFM 1521, 3239; BJI 1: 36; BL 1: 154, 304, 2: 47, 49, 478-484, 678; BM 3: 1055; Bossert p. 227; Colmeiro 1: clxxxiv; CSP 3: 841, 8: 160, 10: 508-509, 12: 427, 16: 590; Frank 3(Anh.): 55; GR p. 683-684; Hortus 3: 1198 ("Lange, J."); IH 2: 410; Jackson p. 569-570; Kew 3: 362; Kleppa 14, 15, 24, 158; KR p. 381-382; Langman p. 428; LS 14866-14870; MW p. 261; NAF ser. 2. 3: 38, 5: 245; NI 1133-1134; PR 5042-5046; Rehder 5: 488-489; SBC p. 125; Tucker 1: 410-411, 777; Zander ed. 10, p. 682-683.

Anon., Bonplandia 1(4): 35. 1853; Bot. Centralbl. 54: 352. 1893 (retirement); Bot. Gaz. 26: 68. 1898; Bot. Not. 1851: 95, 1893: 39, 1898: 116; Bot. Tidsskr. 45(3): 245. 1940 (portr.); Generalregister Bot. Not. 1839-1938: 45, 104-105. 1939.
Ascherson, P. F. A., Verh. bot. Ver. Brandenburg 40: cii-ciii. 1898.
Britten J., J. Bot. 36: 288. 1898.
Christensen, C., Danske Bot. Hist. 1: 420-426. 1925, 2: 244-260. 1925 (main bibl.; many biographical details and references).
Fischer-Benzon, R. J. D. von, *in* P. Prahl, Krit. Fl. Schleswig-Holstein 2: 32. 1890.
Flahault, C.H.M., Bull. Soc. bot. France 45: 622-623. 1899.
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Liebman, Bot. Tidsskr. 12: 173-180. 1881.
Lind, J., Danish fungi herb. E. Rostrup 32. 1913.
Milner, J. D., Cat. Portr. Kew 74. 1906.
Ostenfeld, Bot. Tidsskr. 36: 175-181. 1918.
Petersen, O. G., Bot. Tidsskr. 22: 212-226. 1899 (portr.); Ber. deut. bot. Ges. 17: (168)-(171). 1900; Beih. Bot. Centralbl. 9: 118-119. 1900.
Rydberg, P. A., Augustana Coll. Libr. Publ. 5: 30-31. 1907.
Warming, E., Bot. Tidsskr. 12: 173-181. 1881 (bibl.).
Willkomm, M., Grundz. Pflanzenverbr. Iber. Halbins. 13, 16, 25. 1896 (Veg. Erde 1).
Witrock, V. B., Acta Horti Berg. 3(2): 102-103, *pl. 18*. 1903 (portr.); 3(3): 88-89, *pl. 117*. 1905 (portr.).

HANDWRITING: Candollea 31: 153-154. 1976.

COMPOSITE WORKS: (1) Edited *Flora danica* 1858-1880, vols. 16-17. (Heft 44 with Steenstrup; Hefte 45-51 and Suppl. 2, 3 by Lange alone; Suppl. 1 with F. M. Liebmann; see Oeder).
(2) *Oversigt over Grønlands planter*, *in* H. Rink, *Grønland* 106-136. 1857 (see also Bull. Soc. bot. France 4: 831-835. 1858).
(3) with H. M. Willkomm (q.v.): *Prodromus florae hispaniae*, 3 vols., 1861-1880.
(4) for further publications with others see Christensen (1925).

EPONYMY: *Willkommlanglea* O. Kuntze (1891, also dedicated to Heinrich Moritz Willkomm (1821-1895), q.v.)

4179. *Haandbog i den Danske flora* . . . Kjöbenhavn (Forlagt af Universitetsboghandler C. A. Reitzel. Tryckt hos kgl. Hofbogtrykker Bianco Luno.) 1851. Oct. (*Haandb. Danske fl.*)

Ed. [*1*]: In parts, 1850-1851 (p. xii: Dec 1850; fasc. 1-3 Bot. Not. Oct 1850), p. [i]-lvi, [1]-637, [1-2, err.]. *Copy*: NY.
Ed. 2: 1856 [1857]-1859 in seven parts, p. [i]-lxvi, [1]-764. *Copies*: G, L, NY. – "Anden omarbeidede Udgave." Kjöbenhavn (C. A. Reitzels Forlag.) 1856-1859. Oct.
Ed. 3: 1864, in two (or more?) parts. "Tredie forøgede Udgave." Kjøbenhavn. (id.) 1864. Oct. *Copies*: BR, KNAW, L, NY. – *Part 1*: [1]- . . . , *part 2*: Dec 1864 (p. xvi: Dec 1864), p. [i]-civ, . . . -841.
Ed. 4: 1886-1888, in five parts. "Fjerde omarbejede og forøgede udgave." Kjøbenhavn (id.) 1886-1888. Oct. *Copies*: B, BR, U, US.
1: Apr 1886 (Nat. Nov. Mai(2) 1886), p. [1]-240.
2: Sep 1886 (Nat. Nov. Oct(2) 1886), p. 241-480.
3: Apr 1887 (Nat. Nov. Mai(1, 2) 1887, Bot. Not. 14 Mai 1887), p. 481-736.
4: Feb 1888 (Nat. Nov. Mar(2) 1888), p. 737-925.
5: Apr 1888 (Nat. Nov. 4 Apr 1887; Nat. Nov. Aug(1) 1888; p. xiii: Dec 1887), p. [i]-clxxxviii.

Rettelser og tilföjelser: Mar 1897 (Nat. Nov. Apr(1) 1897), p. [1]-40. Kjöbenhavn (Gyldendalske Bokhandels forlag. Reitzelske Afdeling) 1897. Oct.
Ref.: Schlechtendal, D.F. L. von, Bot. Zeit. 18: 91-92. 9 Mar 1860 (ed. 2).
Bennett, J. Bot. 27: 27-29. 1889.

4180. *Pugillus plantarum imprimis hispanicarum*, quas in itinere 1851-52 legit Joh. Lange. I-IV. Hauniae [Kjøbenhavn] (Typis Bianco Luno) 1860-1865. Oct. (*Pug. pl. hispan.*).
Publ.: 1860-1865, in four parts, [i, general t.p. issued 1865], [1]-82, [83]-166, [167]-224, 225-399, originally in Vid. Medd. naturh. Foren., Kjøbenhavn 1860-1865. *Copies reprints*: G, MO, NY, USDA.

Pugillus	reprint pag.	Meddedelser	date
1	[1]-82	1: 1-82	1860
2	[83]-166	3: [33]-116	1861
3	[167]-224	5: 1-58	1863
4	[i], [225]-399, *pl. 3, 4*	7: 30-204	1865

Ref.: K.M., Bot. Zeit. 24: 347-348. 1866 (rev. 1-4).

4181. *Descriptio iconibus illustrata plantarum novarum* vel minus cognitarum praecipue e flora hispanica, adjectis Pyrenaicis nonnullis ... Fasc. i [-iii]. Hauniae [Kjøbenhavn] (typis Louis Klein) 1864 [-1866]. Fol. (*Descr. icon. pl. nov.*).
Publ.: In three fascicles, 1864-1866. *Copies*: B, BR, G(col.), L, M, MO(col.), NY, US.
1: Apr 1864 (p. iii: 2 Feb 1864; Soc. bot. France rd. 21 Apr 1864; BSbF rev. Aug 1864; Bot. Zeit. 6 Jan 1865), p. [i-iii], [1]-8, *pl. 1-12*.
2: Oct-Nov 1865 (Soc. bot. France rd. 20 Nov 1865), p. 9-12, *pl. 13-24*.
3: 1866 (Soc. bot. France rd. Apr-Dec 1867), p. 13-20, *pl. 25-35*.
Plates: engr. of drawings by Chr. Thornam, uncol. in most copies; rarely fully or partially hand-coloured.

4182. *Hipopityeae* (Kl.) *mexicanae et centrali-americanae*, a cell. proff. Liebman et Ørsted collectae et in museo botanico hauniensi asservatae ... Hauniae [Kjøbenhavn]. (Typis Bianco Luno, curante F. S. Muhle.) 1868. Oct. (*Hipopit. mex.*).
Publ.: 1868 (t.p.; Flora 30 Sep 1868), p. [1]-12, *pl. 1*, uncol. copper engr. by Thornam, *pl. 2*. *Copy*: G. – Reprinted from Vid. Medd. naturh. Føren., Kjøbenhavn 9: 112-121. 1868.

4183. *Diagnoses plantarum peninsulae Ibericae novarum*, a variis collectoribus recentiori tempore lectarum ... Havniae [Kjøbenhavn]. (Typis Bianco Luno.) 1878-1881. Oct. (*Diagn. pl. Iber.*).
Pars 1: 1878, p. [1]-22. *Copy*: G. – Reprinted from Vid. Medd. naturh. Foren. Kjøbenhavn 9: [222 = 3]-241 [= 22]. 1877-78.
Pars 2: 1881 (submitted 18 Feb 1881; Bot. Jahrb. 17 Nov 1881), p. [1]-11. *Copy*: G. – Reprinted from id. ser. 2. 3: [93]-103. 1882.
Pars [3], "Nye bidrag til Spaniens flora," in Overs. k. Dansk Vidensk. Selsk. Forh. 1893: 191-204.

4184. *Studier til Grønlands flora*. [Kjøbenhavn] 1880. Oct. (*Stud. Grønland. fl.*)
Publ.: 1880, p. [1]-26. *Copy*: KNAW. – Reprinted from Bot. Tidsskr. 12: 132-157. 1880.
Résumé: "Études sur la flore du Groenland" [Kjøbenhavn 1880]. Oct., p. [1]-13. *Copy*: KNAW. – Reprinted from Bot. Tidsskr. 12 (Résumé): 1-13. 1880.

4185. *Conspectus florae Groenlandicae* autore Joh. Lange. Oversigt over Grønlands Flora ved. Joh. Lange ... Kjøbenhavn. (J. Commission hos C. A. Reitzel. Bianco Lunos kgl. Hof-Bogtrykkeri.) 1880[-1894], in three parts. Oct. [Meddelelser om Grønland ... Tredie Hefte.]. (*Consp. fl. Groenland.*)

Part [1]: Dec 1880-Jan 1881 (p. xv: Mai 1880; Bot. Not. 15 Feb 1881; Bot. Zeit. 29 Apr 1881; Nat. Nov. Mar(1) 1881; Bot. Jahrb. 17 Nov 1881), p. [i]-xxvi, [1]-231, 3 maps. – Stocks destroyed by fire 1884; reprinted 1890.

Part 2: Jan-Sep 1887 (Nat. Nov. Oct(2) 1887), p. [i*, iii*, v*], [xxxvii]-1, [233]-446, 3 maps. Contains (1) Tillaeg by Lange, and (2) Grønlands Mosser, by Joh. Lange and Christian Erasmus Otterstrøm Jensen (1859-1941), (also publ. separately, see no. 4188).
Part 3(1): Jan 1889 (Nat. Nov. Jan(1) 1889), p. [i*, iii*], [447]-590. (t.p. [i*, iii*], issued 1894, dated 1887-1894).
Authors: Jakob Severin Deichmann Branth (1831-1917); Carl Christian Howitz Grønlund (1825-1901); Janus Lauritz Andreas Kolderup Rosenvinge (1858-1939); Frederik Georg Emil Rostrup (1831-1907).
Part 3(2): 1891, p. [591]-643, by E. Rostrup.
Part 3(3): 1892, p. [645]-762, by L. Kolderup Rosenvinge and J. S. Deichmann Branth.
Part 3(4): Jan-Mai 1894 (Nat. Nov. Jun(1) 1894), p. 763-1016.
Ed. 2, part 1: 1890, p. [i]-xxxvi, [1]-231, 3 maps.
Copies: B(1-3), BR(1, 2), HH, L(1), NY(1 (ed. 2), 2, 3).

4186. *Arboretum scandinavicum.* Afbildninger af de i Danmark, Norge og Sverige vildvoxende traeer og buske, fremstillede efter tavlerne i "Flora danica" . . . Kjøbenhavn (Carl Lunds Bogtrykkeri) 1883. (*Arbor. scand.*).
Publ.: 1883, p. [i], [1]-5, *pl. 1-138*, [*138a, b*], *139-174* (col.). *Copy*: BR.

4187. *De skandinaviske landbrugsplanter*, fremstillede efter Afbildninger af "Flora danica" ved Johan Lange . . . Kjøbenhavn (Carl Lunds Bogtrykkeri) 1884. Fol. (*Skand. landbrugspl.*)
Publ.: 1884, p. [i], [1]-5, list of species, *212 plates* with original *Flora danica* numbers. *Copies*: USDA (nos. 1-212 in ink).

4188. *Oversigt over Grønlands mosser* ved Joh. Lange og C. Jensen . . . Kjøbenhavn (Bianco Lunos Kgl. Hof-Bogtrykkeri (F. Dreyer).) 1887. Oct. (*Overs. Grønland. moss.*).
Co-author: Christian Erasmus Otterstrøm Jensen (1859-1941).
Publ.: Aug-Oct 1887 (p. 110: Mar 1887; Nat. Nov. Oct(2) 1887), p. [1]-110, [1, err.]. *Copies*: FH, Steere. – Reprinted from Joh. Lange, *Consp. fl. Groenland.* part 2, see 4185.

4189. *Nomenclator "Florae danicae"* sive index systematicus et alphabeticus operis, quod "icones florae danicae" inscribitur, cum enumeratio tabularum ordinem temporum habente, adiectis notis criticis, . . . Hauniae [Kjøbenhavn] (apud librarios Lehmann & Stage. Typis descripsit Bianco Luno (F. Dreyer)). 1887. Qu. (*Nomencl. Fl. danic.*).
Publ.: Nov-Dec 1887 (p. viii: Oct 1887; Nat. Nov. Jan(2) 1888; Bot. Zeit. 30 Mar 1888; J. Bot. Aug 1888), p. [i]-viii, [1]-354, [1, err.]. *Copies*: B, BR, G, NY, USDA. – Imprint on cover Hauniae [as above]. Lipsiae [Leipzig]. (F. A. Brockhaus) 1887. – Algae identified by Kolderup Rosenvinge; most of the fungi by E. Rostrup.

4190. *Revisio specierum generis Crataegi* imprimis earum, quae in hortis Daniae coluntur. Oversigt over de i Danmark haardføre arter af Hvidtjørn-Slaegten (Crataegus) . . . Kjøbenhavn (Lehmann & Stages Forlag, Triers Bogtrykkeri (G. L. Lind & Numa Fraenkel) 1897. Oct. (*Revis. Crataeg.*)
Publ.: 1897, p. [i*-iii*], [i]-iv, [1]-105, [106, err.], *pl. 1-10* (partly col.). *Copies*: USDA.

Langenbach, Gustav (1831-1873), German botanist; Dr. phil. Breslau 1863; later at Naples where he died of cholera. (*Langenb.*).

HERBARIUM and TYPES: Unknown. Langenbach states on p. viii of his *Meeresalgen* (see below) that C. I. L. Kny and he himself planned to deposit an algal herbarium, with sets of their collections, at PAL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 342; BM 3: 1055; CSP 8: 160; Jackson p. 322; Saccardo 1: 94; Anon., Bot. Zeit. 31: 797. 1873.
Cesati, V. de, Saggio bibl. algol. ital. 212. 1882.

4191. *Die Meeresalgen der Inseln Sizilien und Pantellaria* . . . Berlin (W. Weber) 1873. Oct. (*Meeresalg. Sizil.*)
Publ.: Jul-early Aug 1873 (p. viii: Johannistag [21 Jun] 1873; Flora rd. Sep 1873; Hedwigia 12 Aug 1873; Bot. Zeit. 8 Aug 1873), p. [i]-viii, [1]-23. *Copy*: NY.

Langeron, Maurice Charles Pierre (1874-1950), French parasitologist and bryologist and palaeobotanist at the Faculté de Médecine, Paris. (*Langer.*)

HERBARIUM and TYPES: P, PC.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 275, 331; Andrews p. 293; Barnhart 2: 343; BL 2: 148, 678; CSP 16: 593; Hirsch p. 168; IH 2: 410; Kew 3: 363; LS suppl. 15441-15453; SBC p. 125; Stevenson p. 1248; Tucker 1: 411.
Anon., Rev. bryol. 25(6): 100. 1898; 26(3): 51. 1899; 27(4): 63. 1900; 31(1): 19. 1904; 32(6): 109. 1905; 33(3): 1906; 39(2): 1912; 41(3): 50. 1914.
Gaume, R., Rev. bryol. lichén. 19(3/4): 161. 1950.

EPONYMY: *Langeronia* R. Vanbreuseghem (1950).

4192. Maurice Langeron . . . *Muscinées de la Côte d'Or* études géographiques. Catalogue des muscinées de la Côte-d'Or par MM. Langeron et H. Sullerot. Dijon (Damidot, Lamarche, Rey, Venot), Paris (A. Rousseau) 1898. Oct. (*Musc. Côte d'Or*).
Co-author: H. Sullerot (*fl.* 1898).
Publ.: 1898 (Rev. bryol. Nov 1898), p. [1]-172, [1, err.], 2 maps. *Copies*: B, G. – "Université de Dijon, Revue bourguignonne de l'enseignement supérieur," vol. 7(4).
Premier supplément: Jan-Jun 1900 (Rev. bryol. Jul 1900), p. [i-iv], [1]-38. *Copy*: B. – Ibid. vol. 10(2).

4193. *Le genre Aleurites* Forst. (Euphorbiacées) systématique – anatomie – pharmacologie . . . Paris (L. Boyer, imprimeur-éditeur . . .) 1902. Oct. (*Aleurites*).
Publ.: Dec 1902 (Nat. Nov. Dec(1) 1902), p. [1]-160. *Copies*: USDA; IDC 157.

Langethal, Christian Eduard (1806-1878), German botanist; high school teacher at Eldena 1835-1839; from 1839 professor of agriculture at Jena. (*Langeth.*)

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 343; BM 3: 1056; Bossert p. 227; DTS 1: 166; Frank 3(Anh.): 55; Jackson p. 295, 299; Kew 3: 363; Langman p. 428; NI 1134na, 2357, 1769; PR 5048-5052 (ed. 1: 5537-5539); Rehder 5: 489; Tucker 1: 411.
Anon., Bot. Not. 1879: 31; Nature 18(460): 435. 1878.
Trimen, H., J. Bot. 16: 320. 1878.

COMPOSITE WORKS: (1) Schlechtendal, Langethal und Schenk, *Flora von Deutschland*, see under D. F. L. von Schlechtendal. Langethal edited vol. 7(Lief. 5)-vol. 22, 1847-1869, and also the Fünfte Auflage, 30 vols., ind., 1880-1888.
(2) J. K. Zenker, D. F. L. von Schlechtendal, C. E. Langethal, *Flora von Thüringen*. Jena 1855, 6 parts, see under Zenker.

4194. *Die Gewächse des nördlichen Deutschlands* nach ihren natürlichen Familien, Standörten und Stoffen. Mit einem nach neuen Grundsätzen bearbeiteten Blüthen-Kalender. Für Landwirthe, Forstmänner, Apotheker und alle Freunde des Pflanzenreichs . . . Jena (Friedrich Luden) 1843. Oct. (*Gew. nördl. Deutschl.*).
Publ.: Mar 1843 (Bot. Zeit. 24 Mar 1843; Flora 28 Mar 1843), p. [i]-vi, [1]-498. *Copies*: G, HBG, M.

4195. *Terminologie der beschreibenden Botanik.* Nebst einem lateinisch-deutschen und deutsch-lateinischen Wörterbuche bearbeitet von Dr. Chr. Ed. Langethal, . . . Mit den dazu nöthigen Abbildungen von Dr. Ernst Schenk . . . Jena (Druck und Verlag von Friedrich Manke) 1845. Oct. (*Termin. beschr. Bot.*).
Artist: Ernst Schenk (1796-1859).
Publ.: In (5 or 6) Hefte from Sep-Oct 1845 until 1846, p. [1]-334, *pl. 1-56* (all but 2 uncol. liths.). *Copy*: L.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 3: 748-749. 7 Nov 1845 (Lief. 1); 4: 714-716. 9 Oct 1846 (completed).

4196. *Beschreibung der Gewächse Deutschlands* nach ihren natürlichen Familien und ihrer Bedeutung für die Landwirtschaft. Jena (Mauke). Oct. (*Beschr. Gew. Deutschl.*).
Ed. 1: 1858 (Bot. Zeit. 8 Oct 1858; BSBF Oct-Dec 1858), p. iv, 739. (n.v.).
Ed. 2: 1868 (Flora 9 Jun 1868, Bot. Zeit. 11 Sep 1868), p. [i]-viii, [1]-787, [788, err.]. *Copy*: B. – "Zweite vermehrte Auflage." Jena (Mauke's Verlag (Hermann Dufft).) 1868. Oct.

Langkavel, Bernhard August (1825-1902), German teacher in classical languages; zoologist and botanist at the Friedrichwerderschen Gymnasium in Berlin. (*Langk.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 343; BFM 3201; BM 3: 1056-1057; CSP 8: 161, 10: 510, 16: 594-595; Kew 3: 363; LS 14883; PR 5057; Rehder 5: 489.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 185. 1947.

4197. *Botanik der spaeteren Griechen* vom dritten bis dreizehnten Jahrhunterte. Berlin (Verlag von F. Berggold) 1866. Oct. (*Bot. spaet. Griech.*).
Publ.: Nov-Dec 1866 (p. vii: 10 Sep 1866; Flora 28 Mai 1867; Bot. Zeit. 25 Jan 1867), p. [i]-xxiv, [1]-207. *Copies*: FAS, U.
Ref.: Anon., Bull. Soc. bot. France 13(bibl.): 256-257. Jan 1867 (rev.).

Langlois, Auguste Barthélemy (1832-1900), French-born clergyman and botanist who settled in the United States in 1855, at Point-à-la-Hache and St. Martinsville, Louisiana. (*Langl.*).

HERBARIUM and TYPES: LCU (12.000) phanerogams, US (cryptogams), important sets of duplicates at BPI, FH, NY and PC. – The LCU herbarium is officially called "the Langlois herbarium".

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 343; BL 1: 184, 305; Bossert p. 227; CSP 16: 597; IH 2: 410-411; Lenley p. 256; LS 14884; Rehder 5: 489; SBC p. 125 ("Langl."); Stevenson p. 1248; Tucker 1: 411.
Anon., Bot. Gaz. 30: 359. 1900; Bot. Not. 1901: 114.
Cardot, J., Rev. bryol. 27: 83-84. 1900.
Ewan, J., Southw. Louisiana J. 7: 32, 35. 1967.
Harshberger, J. W., Bot. Philadelphia 266. 1899.
Lamson-Scribner, F., Bull. Torrey bot. Club 20: 326. 1893.
Rogers, D. P., Brief hist. mycol. N. Amer. 20. 1977.
Sayre, G., Mem. New York Bot. Gard. 19(3): 355. 1975.

EPONYMY: *Langloisia* E. L. Greene (1896); *Langloisula* J. B. Ellis & B. M. Everhart (1889); *Mycolangloisia* Arnaud (1918).

4198. *Catalogue provisoire de plantes* phanérogames et cryptogames *de la Basse-Louisiane*, Etats-Unis d'Amérique . . . A. B. Langlois. Pointe-à-la-Hâche, (Louisiana) [imprint on cover: À Saint-Étienne (Imprimerie Pinsard Bongrand, . . .) s.d.], [1887]. (*Cat. prov. pl. Basse-Louisiane*).
Publ.: Aug-Oct 1887 (p. 4: 1 Jun 1887; Nat. Nov. Jan(1) 1888; TBC Nov 1887), cover, p. [1]-35. *Copies*: MICH, MO, NY, Stevenson, US. – 1214 vascular plants; unannotated.

Langman, Johann Friedrich (*fl.* 1841), German high school teacher at Neustrelitz. (*Langm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 99; BM 3: 1057; CSP 3: 843; Jackson p. 299, 307; PR 5058-5059, 10593 (ed. 1: 5553); Rehder 5: 489; Tucker 1: 411.
Ascherson, P. F. A., Fl. Prov. Brandenburg 1: 8. 1864.
Boll, E. F. A., Fl. Meklenb. 157. 1860.
Fischer-Benzon, R. J. D. von, *in* P. Prahl, Krit. Fl. Schleswig-Holstein 2: 32-33. 1890.

4199. *Flora der beiden Grossherzogthümer Mecklenburg* für Schulen und zum Selbstunterricht, nebst einer Anleiting zum Selbstbestimmen der phanerogamen Pflanzen, von J. Fr. Langmann, . . . Anhang: Entwurf einer Pflanzengeographie Mecklenburgs, vom Obermedicinalrathe Dr. G. Brückner in Ludwigslust. Neustrelitz (Bei dem Verfasser und bei dem Buchhändler G. Barnewitz in Neubrandenburg und Friedland.) 1841. Oct. (*Fl. Mecklenburg*).
Author of appendix: Gustav Adam Brückner (1789-1860).

Ed. [*1*]: 1841 (Flora rd. after 28 Nov 1841), p. [i*-xvi*], [i]-xx, [1]-414, [i]-ix. *Copies*: G, NY, Regensburg.
Nachtrag: Arch. Ver. Freunde Naturgesch. Meklenburg 4: 145-150. 1850 (see also Ernst Boll, ibid. Heft 3 and Heft 4: 151).
Ed. 2: 1856, p. [i]-xvi, [1]-463, [464, err.]. *Copies*: B, NY. – "*Flora von Nord- und Mitteldeutschland* mit besonderer Berücksichtigung der beiden Grossherzogthümer Mecklenburg für Schulen und zum Selbstunterricht analytisch bearbeitet von J. Fr. Langmann . . . Zweite verbesserte und stark vermehrte Auflage" Neustrelitz (In der Hofbuchhandlung von G. Barnewitz und bei dem Verfasser) 1856. Oct. (*Fl. N.-Mitteldeutschl.*).
Ed. 3: 1871 (p. x: Feb 1871; Flora 3 Apr 1871; Bot. Zeit. 16 Jun 1871), p. [i]-xvi, [1]-320, [1-4, Nachtrag]. *Copies*: B, L. – "*Flora der Grossherzogthümer Mecklenburg* und der angrenzenden Gebiete von Lauenburg, Lübeck, Neuvorpommern, Rügen und Uckermarck von J. Fr. Langmann. Umgearbeitet und neu herausgegeben von E. Langmann, Konrektor. Dritte Auflage." Schwerin (bei A. Schwale) 1871. Oct.

Langsdorff, Georg Heinrich, Baron von (1774-1852), German explorer; surgeon naturalist on the Krusenstern expedition (1803-1806); later Russian consul in Brazil and plant collector with Riedel. (*Langsd.*).

HERBARIUM and TYPES: LE. Brazilian collections at B, CN, GH, H, L, MO, MW, NY, OXF, P, PC, PH, W.

BIBLIOGRAPHY and BIOGRAPHY: ADB 17: 689-690; AG 2(1): 205; Backer p. 314; Barnhart 2: 343; BM 2: 575, 3: 1057; Bossert p. 227; Bret. p. 314, 318; Clokie p. 197; CSP 3: 843, 16: 599; Hortus 3: 1198 ("Langsd."); IF p. 714; IH 1(ed. 6): 361, 2: 411; Kew 3: 463; Lasègue p. 370, 478-480, 573; LS 14885; MW p. 261, suppl. p. 191; NI 1138; PR 5060 (ed. 1: 5554); Rehder 5: 489; TR 742; TL-2/1: see Freyreiss, G. W.; Zander ed. 10, p. 683.
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Bertels, D. E. et al., Materials of the expedition of academician G. J. Langsdorff to Brazil in 1821-1829 [in Russian], Leningrad 1973 (portr.), 228 p. (important list of sources and publications).
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Ihering, Rev. Mus. Paulista 5: 24-32. 1902.
Nekrassova and Proussak, Bot. Zhurn. 42: 804-813. 1957 (Langsdorff and Riedel collections at LE).
Scurla, H., edit., Reisen in Nippon, Berlin 1974, 571 p.
Shetler, S. G., Komarov Bot. Inst. 31, 32, 33, 46, 196. 1967.
Stillman, J. D. B., Seeking the golden fleece, San Francisco 1877, p. 308 (fide Ewan).
Swainson, W., Taxidermy 231. 1840 (fide Ewan).
Thomas, J. H., Contr. Dudley Herb. 5(6): 158. 1961.

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Waldbrühl, Neuer Nekrolog der Deutschen 30(1852): 436-442. 1854 (fide Urban 1906).

EPONYMY: *Langsdorffia* C. F. P. Martius (1818); *Langsdorffia* Raddi (1820); *Langsdorfia* [sic] Leandro de Sacramento (1821); *Langsdorfia* [sic] Rafinesque (1837).

4200. *Plantes recueillies pendant le voyage des Russes autour du monde.* Expédition dirigée par M. de Krusenstern. Publiées par G. Langsdorrff et F. Fischer. A. Tubingue [Tübingen], (chez J. G. Cotta, libraire.) 1810. Fol. (*Pl. voy. Russes monde*).
Commander of expedition: Adam Johann, ritter von Krusenstern (1770-1846).
Co-author: Friedrich Ernst Ludwig von Fischer (1782-1854).
Publ.: part 1: 1810 (p. 4: 11 Jan 1810, o.s.), part 2: 1818, p. [i-x], [1]-26, *pl. 1-30. Copies*: MO (*pl. 1-10*), NY (*pl. 1-10*), USDA (*pl. 1-30*). – The USDA copy has a t.p. "*Plantes . . . monde.* Première partie. Icones filicum. A Tubingue . . ." We have not seen the cover of the second part, published 1818, which presumably contained *pl. 11-30.*
Ref. : Krusenstern, A. J. v., Reise um die Welt in den Jahren 1803-1806, 3 vols. and atlas, 1810-1812.

Langstedt, Friedrich Ludwig (1750-1804), German botanist. (*Langst.*)

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 17: 692; BM 3: 1057; Langman p. 428; PR 5061 (ed. 1: 5555-5556); Rehder 5: 489; Tucker 1: 411.

4201. *Allgemeines botanisches Repertorium* zum gemeinnützigen Gebrauch für jeden Kenner und Liebhaber dieser interessanten Wissenschaft . . . Nürnberg (in der Raspeschen Buchhandlung) 1801-1805, 2 vols. Oct. (*Allg. bot. Repert.*)
1: A-F, 768 p.; *2*: G-Z, viii, 822 p. *Copy*: WU (inf. W. Gutermann).

Lanjouw, Joseph (1902-x), Dutch botanist at Utrecht; founder, with Pulle, of the Utrecht School of plant taxonomy; professor of botany at Utrecht 1949-1972; rapporteur-général for botanical nomenclature 1948-1964; founder of the International Association for Plant Taxonomy. (*Lanj.*)

HERBARIUM and TYPES: U.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 293; Barnhart 2: 344; BFM 2289, 2332, 3353; BJI 2; BL 1: 258, 305; Bossert p. 277; GR p. 707; Hirsch p. 168; IH 2: 411; Kew 3: 364-365; Langman p. 428; MW suppl. p. 192; Plesch p. 449; Roon p. 67.
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COMPOSITE WORKS: Editor of *Flora of Suriname*, with Pulle 1932-1949; sole editor 1949-1974; with A. T. Stoffers 1974-1978. – Contributions to *Flora of Suriname*:
a. *Balanophoraceae*, 1(1): 45-46. Mai 1932.
b. *Xyridaceae*, 1(1): 225-248. Jan 1938.
c. *Haemodoraceae*, 1(1): 255-257. Jan 1938.
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l. *Melastomaceae*, 3(1): 442-443. Feb 1941.
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n. *Campanulaceae* 4(1): 302-304. Mai 1932, p. 305. Jul 1936.
o. *Ericaceae*, corr., add. 4(1): 492-493. Sep 1937.
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q. *Plantaginaceae*, 4(2): 253-254. Jul 1938.
r. *Myoporaceae*, 4(2): 255- 256. Jul 1938.
s. *Quiinaceae*, 3(1): 355-365. Feb 1941.
t. *Caryocaraceae*, 3(1): 366-372. Feb 1941 (with P. F. van Heerdt).
u. *Margraviaceae*, 3(1): 373-385. Feb 1941 (with id.).
v. *Dilleniaceae*, 3(1): 386-408. Feb 1941 (with id.).

FESTSCHRIFT: Mededelingen van het Botanisch Museum en Herbarium van de Rijksuniversiteit te Utrecht, Lanjouw Jubileum Serie, nos. 220(1966)-255(1967).

4202. *The Euphorbiaceae of Surinam.* Proefschrift ter verkrijging van den graad van doctor in de wis- en natuurkunde aan de Rijks-Universiteit te Utrecht op gezag van den rector-magnificus Jhr. Dr. B. C. de Savornin Lohman hoogleeraar in de faculteit der rechtsgeleerdheid volgens besluit van den Senaat der Universiteit te verdedigen tegen de bedenkingen van de faculteit der wis- en natuurkunde op Maandag 6 Juli 1931 des namiddags te vier uur door Joseph Lanjouw geboren te Amsterdam. Amsterdam (N.V. Drukkerij en Uitgeverij J. H. de Bussy) 1931. Oct. (*Euphorb. Surinam*).
Publ.: 6 Jul 1931, p. [i-ix], [1]-195, map, theses [1-3, loose]. *Copies*: FAS, U.

Lantzius-Béninga, Georg Boyung Scato (1815-1871), East-Frisian/German botanist; Dr. phil. Göttingen 1844; lecturer (1846), "assessor" (1852) and professor (1870) at Göttingen University. (*Lantz.-Bén.*).

HERBARIUM and TYPES: GOET.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 344; BM 3: 1058; Bossert p. 228; CSP 3: 845, 16: 602; Frank 3(Anh.): 55; Kew 3: 366; LS 14893; Moebius p. 117; PR 5064-5066 (ed. 1: 5558); Rehder 5: 490.
Anon., Bonplandia 1: 92. 1853; Bot. Not. 1872: 26; Bot. Zeit. 29: 176. 1871; Flora 54: 351. 1871.
Bielefeld, Beitr. nordwestdeut. Volks- Landesk., Abh. 15(2): 148-155. 1897 (portr.).
Wittrock, V. B., Acta Horti Berg. 3(2): 134. 1903.

4203. *Beiträge zur Kenntniss der Flora Ostfriesland's* . . . Göttingen, (bei Vandenhoeck und Ruprecht) 1849. Qu. (*Beitr. Fl. Ostfriesl.*).
Publ.: 1849 (p. 55: Apr 1849; Bot. Zeit. 7 Dec 1849 rev.), p. [1]-55. *Copies*: B, NY, U.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 7: 861-863. 7 Dec 1869 (rev.).

4204. *Die unterscheidenden Merkmale der deutschen Pflanzen-Familien und Geschlechter* . . . Erste Abtheilung: . . . Göttingen (. . . Adalbert Rente) 1866. Oct. †. (*Merkm. deut. Pfl.-Fam.*).
Publ.: Mar 1866 ("Neu" Flora 17 Apr 1866; "soeben" Bot. Zeit. 30 Mar 1866; BSbF Aug 1866), p. [1]-10, 34 tables (double pages), [i]-xxv, [i]-ix. The plates separately: "Erste Abtheilung Abbildungen." [i, t.p.], *pl. 1-21* double, uncol. liths.). *Copies*: BR, G, NY.
Ref.: Anon., Flora 49: 175, 189-191. 1866.

Lanzi, Matteo (1824-1907), Italian physician, mycologist, and diatomologist; lecturer in mycology at Rome University. ((*Lanzi*).

HERBARIUM and TYPES: Unknown [RO?].

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 344; BM 3: 1059; CSP 10: 514-515, 12: 428, 16: 603; De Toni 1: lxxvi, 2: lxxiv-lxxv, cxxix, 4: xxxvi; GR p. 532; Jackson p. 174; LS 14895-14911, 35813-35815; NAF 9(6): 440; NI 1140; Saccardo 1: 94-95; Stevenson p. 1248.

Cesati, V. de, Saggio bibl. algol. ital. 213-220. 1882.
De Toni, G. B., Malpighia 21: 512-518. 1907 (bibl.).
Deby, J., Bibl. microsc. microgr. stud. 3(Diat.): 37. 1882.

EPONYMY: *Lanzia* P. A. Saccardo (1884).

4205. *I funghi della provincia di Roma* descritti dal dott. Cav. re Matteo Lanzi . . . Roma (Tipografia delle Scienze matematiche e fisiche . . .) 1879 [-1894]. Qu. (*Fung. prov. Roma*).
Publ.: in 8 parts of which 1-4 originally published in Atti Accad. Nuovi Lincei, 5-8 in Memorie Accad. Nuovi Lincei:

1: 1879 (read 15 Dec 1878), p. [1]-32, *pl. 1.* – *Atti* vol. 31.
2: 1879 (read 16 Mar 1879; Nat. Nov Feb 1881 as of "1880"), p. 33-48, *2 pl.* – *Atti* vol. 32.
3: 1883 (read 21 Mai 1882; Hedwigia Nov 1883), p. 49-86, *pl. 5.* – *Atti* vol. 35: 253-291. 1883.
4: 1888 (read 19 Feb 1888), p. 87-100, *pl. 6.* – *Atti* vol. 41.
5: 1889, p. [i], 101-124, *pl. 7.* – *Memorie* vol. 5.
6: 1889, p. 125-140, *pl. 8.* – *Memorie* vol. 5.
7: 1889, p. 141-148, *pl. 6.* – *Memorie* vol. 5.
8: 1894, p. [i], 149-196. [197, ind], *pl. 8-9.* – *Memorie* vol. 9(2).
Copy: BR.

4206. *Funghi mangerecci e nocivi di Roma* descritti ed illustrati . . . Roma (Tipografia della pace di Filippo Cuggiani) [1896-] 1902, 32 fasc. Qu. (*Fung. mang. noc. Roma*).
Publ.: 32 parts, in *Memorie Accad. Nuovi Lincei*, vols. 10-19. 1896-1902, also published separately. The analysis below is based on copies in original covers, bearing year dates.

Pref. material: 1902, frontisp. portr. Lanzi, 1902 t. p. [i].

1:	1896 (cover, t.p. 1894)	p. [1]-53, *pl. 1-8.*
2:	1897	p. [55]-70, *pl. 9-11.*
3:	1897	p. 71-86, *pl. 12-17.*
4:	1897	p. 87-92, *pl. 18-21.*
5:	1898	p. 93-100, *pl. 22-23.*
6:	1898	p. 101-116, *pl. 24-33.*
7:	1898	p. 117-124, *pl. 35-38.*
8:	1898	p. 125-132, *pl. 39-42.*
9:	1898	p. 133-140, *pl. 43-45.*
10:	1899	p. 141-148, *pl. 46.*
11:	1899	p. 149-164, *pl. 47-52.*
12:	1899	p. 165-172, *pl. 53-57.*
13:	1899	p. 173-180, *pl. 58-59.*
14:	1899	p. 181-188, *pl. 60-62.*
15:	1899	p. 189-196, *pl. 63-66.*
16:	1900	p. 197-212, *pl. 67-69.*
17:	1900	p. 213-228, *pl. 70-76.*
18:	1900	p. 229-244, *pl. 77-80.*
19:	1900	p. 245-248, *pl. 81-82.*
20:	1901	p. 249-256, *pl. 83-84.*
21:	1901	p. 257-264, *pl. 85-88.*
22:	1901	p. 265-280, *pl. 89-92.*
23:	1901	p. 281-296, *pl. 93-98.*
24:	1901	p. 297-312, *pl. 99-103.*
25:	1901	p. 313-328, *pl. 104-109.*
26:	1901	p. 329-336, *pl. 110-112.*
27:	1901, Jan-Sep	p. 337-344, *pl. 113-116.*
28:	1902, Jan-Apr	p. 345-362, *pl. 117-124.*
29:	1902, Jan-Apr	p. 363-378, *pl. 125-128.*
30:	1902, Jan-Apr	p. 379-395, *pl. 129-131.*
31:	1902, Jan-Apr	p. [397]-406, index.
32:	1902, Jan-Apr	[1-25], expl. pl.

Copies: NY (orig. covers), Stevenson, USDA (orig. covers). – *Note*: We have not yet been able to establish theprecise equivalents of the reprint pagination in the original journal. The dates in the above list are those given on the original covers of the fascicles.

Lapeyrouse, Philippe Picot Baron de (1744-1818), French mineralogist and botanist at Toulouse, teacher at the École centrale, later (1800) maire of Toulouse, subsequently professor of natural history at Toulouse University; deputy during the "cent jours". (*Lapeyr.*).

HERBARIUM and TYPES: TLJ; a small herbarium is also at MPU. Much material also in the Thunberg herbarium (UPS).

Ref.: Clos, Mém. Acad. Sci. Toulouse ser. 5. 1: 221-303. 1857, also published separately under the title "Révision comparative de l'herbier et de l'Histoire abrégée des Pyrenées de Lapeyrouse", Toulouse 1857, p. [i], [1]-86. *Copy*: BR. – See also extract in Bull. Soc. bot. France 4: 418-422. 1857, 1017-1020. 1858.

Serres, Bull. Soc. bot. France 4: 418-422 1857.

Roumeguère, Mém. Acad. Sci. Toulouse ser. 5. 3: 452. 1859.

Duchartre, Bull. Soc. bot. France 7: 17-22, 66-72. 1860.

Timbal-Lagrave et Loret, Bull. Soc. bot. France 7: 17-22, 66-72. 1860 (on herb. Marchand in herb. Lapeyrouse at TLJ).

Granel de Solignac et Bertrand, Naturalia monspeliensia, Bot. 18: 281. 1967 ("petit herbier de Lapeyrouse").

NAME: In earlier publications the name is spelled La Peirouse or Lapeirouse; Lapeyrouse signed himself Picot de Lapeyrouse.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 578, 12(2): 228; Backer p. 314; Barnhart 3: 84; BM 3: 1059; Colmeiro 1: clxxxiv; CSP 4: 900; Dawson p. 670, 951; Dryander 3: 142, 5: 385; Frank 3(Anh.): 55; Hortus 3: 1198 ("Lapeyr."); IH 2: 412; Jackson p. 278; Kew 3: 367; Lasègue p. 573; LS 14912-14913; ME 3: 360; NI 1141; PR 5069-5070; Rehder 5: 490; SO 3862; Tucker 1: 412; Zander ed. 10, p. 683.

Amoreux, Mém. Soc. Linn. Paris 1: 709-710. 1882 (corresp. Gouan).

Astre, Bull. Soc. Hist. nat. Toulouse 89: 391-400. 1954 (paléont.); 101: 178. 1966 (many biogr. refs.).

Dawson, W. R., Smith papers 65. 1934.

Du Mége, Mem. Acad. Sci. Toulouse ser. 2. 1(1): 289-293. 1827, ser. 2. 5: 67-105. 1839. (see also Astre 1966).

Gras, Bull. Soc. bot. France 11: xxxix-xlvi. 1864 (corr. with Allioni).

Jourdan, O., Dict. Sci. méd. 5: 521. 1822 (bibl.).

Laissus, Bull. Soc. Hist. nat. Toulouse 108(3-4): 365-385. 1972 (portr., bibl.).

Lapeyrouse, P., Hist. abr. pl. Pyren. xxxv-xxxvi. 1813 (itin.).

Pée-Laby, Bull. Soc. Ramond 28: 119-134. 1893 (fide Astre 1966).

Roumeguère, C., Bull. Soc. bot. France 19: xxii-xlvii. 1872 (corr. between Linnaeus, Gouan, Lamarck, Acharius and P. de L.); Correspondences autographes inédites des anciens botanistes méridionaux. I. Pierre Barrera, II. Ramond Picot de Lapeyrouse. Perpignan 1873, 52 p. (repr. from Bull. Soc. agric. sci. litt. Pyrénées-Orient. 20, 1873); Nouveaux documents sur l'histoire des plantes cryptogames et phanérogames des Pyrénées. Paris 1876 (portr.).

Smith, J. E., in Rees Cyclopaedia, 20, Lapeyrousia, 1812.

Timbal-Lagrave, Bull. Soc. bot. Fr. 11: xxxiii-xxxvii. 1864.

Willkomm, M., Grundz. Pflanzenverbr. Iber. Halbinsel 7, 25. 1896 (Veg. Erde 1).

HANDWRITING: Candollea 31: 155-156. 1976.

EPONYMY: *Lapeirousia* [sic] Pourret (1788); *Lapeirousia* Thunberg (1801); *Lapeyrousia* Thunberg (1823, *orth. var.*); *Peyrousia* Poiret (1826, *nom. rej.*); *Picotia* J. J. Roemer & J. A. Schultes (1819). *Note*: *Peyrousea* A. P. de Candolle (1838, *nom. cons.*) is a substitute name for *Lapeirousia* Thunberg (1801), non Pourret (1788), but is explicitly dedicated to the french maritime explorer Jean François Galaup de la Pérouse (1741-1788), since de Candolle assumed that the same was true for the Thunberg name.

4207. *Description de quelques plantes des Pyrénées*. Par M. de la Peirouse. [Toulouse 1778]. Qu. (*Descr. pl. Pyrén.*).
Publ.: 1782 (read 30 Jul 1778, but Mém. vol. 1 publ. 1782, see Gras), p. [1]-16, *pl. 15-20* (uncol. copper engr.). *Copy*: G. – Reprinted from Mém. Acad. Sci. Toulouse 1: 208-223. 1782 (1778). It is possible that the independently paged issue is in fact a preprint, but we have no definitive indication of this.
Ref.: Gras, Bull. Soc. bot. France 11: xl. 1864 (dates this publication as of 1782).

4208. *Figures de la flore des Pyrénées*, avec des descriptions, des notes critiques et des observations. Par Philippe Picot Lapeyrouse, Inspecteur des mines de la République. Tome premier. Paris (De l'imprimerie de Du Pont), L'an iii de la République mdccxcv. Fol. † (*Fig. pl. Pyrénées*).
Publ.: 1795-1801, p. [i*], [iii*], [i]-viii, [1]-68, *pl. 1-43*. *Copy*: G. – Only vol. 1 was published, in two or four parts (1795-1801). The first "decade", published "1795", containing 11 plates and 20 p. of text, was announced by JGLF only in Nov 1798. Roumeguère states that the work was published in two parts, part 1 in 1795, part 2 in 1801. It is unlikely, however, that this is the complete story. The 43 plates are coloured stipple-engravings and colour prints of drawings by Laferrerie and P. J. Redouté (11); *plates 44-46* were also printed (Roumeguère); 55 further plates were ready by 1812 and another set of published plates is discussed by Timbal-Lagrave (1864, 1885). – *Reissue*: An xi [1801], n.v.
Ref.: DU 245; GF p. 64; IDC 5561.
Roumeguère, C., Mém. Acad. Sci. Toulouse sér. 5. 1: 411-413. 1857.
Timbal-Lagrave, Bull. Soc. bot. France 11: xxxiii-xxxvii. 1864; Mém. Acad. Sci. Inscr. Belles-Lettres Toulouse 1885 (2. sem.), reprint p. [1]-31.
MacPhail, I., Cat. Redout. 18, 65. 1963.

4209. *Tableau analytique de la monographie des saxifrages des Pyrénées* [Paris (chez J. J. Fuchs, . . .) 1799]. Qu. (*Tabl. saxifr. Pyrénées*).
Publ.: 20 Apr 1799-19 Mai 1799 ("Germinal an 7"), p. [1]-8. *Copy*: G. – Reprinted from J. Phys.: 48: 261-268. 1799.

4210. *Histoire abrégée des plantes des Pyrénées*, et itinéraire des botanistes dans ces montagnes; . . . Toulouse (de l'Imprimerie de Bellegarrigue, . . .) 1813. Oct. (*Hist. pl. Pyrénées*).
Publ.: early Mai 1813 (BF 21 Mai 1813; author sent a copy to Gouan on 10 Mai 1813), p. [1*], map, [iii*], [v*-vii*], [i]-lxxxiii, [1]-700. *Copies*: BR, G, NY; IDC 6006.
Supplément à l'histoire . . . Toulouse (Bellegarrigue) 1818. Oct., *publ.*: Feb-Mar 1818 (BF 14 Mar 1818, Flora 30 Apr 1818), p. [i]-xii, [1]-158, [159, as "15"]. *Copies*: BR, G(2), MO, NY.
Reissue: Toulouse (Bellegarrigue, Privat) 1818, 2 tomes:
1: [i*, iii*], map, [i]-xii, [i]-lxxxiii, [1]-388.
2: [i], [389]-700.
Copies: G, MO, NY.
For a comparison of the descriptions in this flora with L's types see Clos (1857, cited above). Further critical notes on the many errors are given by Bentham, Cat. pl. Pyrénées (1821, no. 420) and Timbal-Lagrave, Bull. Soc. bot. France 7: 16. 1860.

Lapham, Increase Allen (1811-1875), American pioneer naturalist and botanist; from 1836 businessman at Milwaukee; state geologist of Wisconsin 1873-1875. (*Laph.*)

HERBARIUM and TYPES: WIS (24.000); other material at B, DWC (66), E, FH (Tuckerman herb.), GH, GRA, K, MASS, MO, OXF, US.
Ref.: Arthur, J. C., Bull. Torrey bot. Club 8: 52-53. 1881.
Sayre, G., Mem. New York Bot. Gard. 19: 355. Mai 1975.
Gordon, Bartonia 22: 8. 1943.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 314; Barnhart 2: 345; BM 3: 1059; Clokie p. 197; DAB (by L. P. Kellogg); GR p. 228; IH 1(ed. 6): 361, 2: 412; Jackson p. 366; Kew 3: 367; Lasègue p. 338, 478; Lenley p. 462; ME 1: 202, 3: 611 [index]; Merrill p. 570, 703; Pennell p. 611; PR 5072-5074 (ed. 1: 5560); Quenstedt p. 251; Rehder 5: 490; Tucker 1: 412; Urban-Berl. p. 367.

Anon., Pop. Sci. Mo. 22: 835-840. 1883; Bull. Essex Inst. 8: 42-43. 1877; Bot. Gaz. 27: 415. 1899 (bust at Milwaukee); Bull. Torrey bot. Cl. 6: 59-60. 1875.
Bate, A. W., Biogr. sketches of Increase Allen Lapham . . . Milwaukee 1891 (portr.).
Clarke, J. M., James Hall of Albany 286, 289, 290, 293, 361. 1923.
Ewan, J., Rocky Mountain naturalists 247. 1950.
Hoy, Trans. Wisc. Acad. Sci. 3: 264-267. 1876.
J. D. D., Amer. J. Sci. ser. 3. 11(64): 333-334. 1876 (review of a biographical sketch of L. by S. S. Sherman, 80 p. 1876).
Mann, Charles, Increase Allen Lapham, a memorial Milwaukee, s. d., 21 p.
Noland, Trans. Wisc. Acad. Sci. Arts Letters 54(A): 95-106. 1965.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 488 [index]. 1963.
Rodgers, A. D., John Torrey 125. 1942; Amer. bot. 1873-1892. 11, 49. 1944.
Sherman, S. S., Increase Allen Lapham LL. D. A biographical sketch read before the Old Settlers' Club, Milwaukee, 1876, 80 p. (portr., bibl.).
Winchell, Amer. Geologist 13(1): 1-38. 1894 (portr.).

HANDWRITING: Amer. Geologist 13(1): frontisp. 1894.

EPONYMY: *Laphamia* A. Gray (1852).

4211. *A catalogue of plants, found in the vicinity of Milwaukee,* Wisconsin territory. By I. A. Lapham. Milwaukee: W. T. (printed at the Advertiser office.) 1838. 16-mo. (*Cat. pl. Milwaukee*).
Publ.: 1838, p. [1]-15. *Copies*: MO, NY.
Supplement: Nov 1840, p. [17]-23. *Copies*: MO, NY.
List only, based on Eaton's *Manual*, ed. 7, 1836. Preceded by "*A catalogue of plants* and shells found in the vicinity of Milwaukee on the West side of Lake Michigan," Milwaukee 1836, 12 p. (n.v.). – Further notes on the botany of Wisconsin in Lapham, I. A., *Topographical and geological description of Wisconsin*, Milwaukee 1843, 96 p.; and his *A geographical and topographical description of Wisconsin*, . . . Milwaukee (P. C. Hale) 1844, 255 p., ed. 2. 1846, 208 p.

4212. *Plants of Wisconsin* [Philadelphia 1850] Duod. (in sixes). (*Pl. Wisconsin*).
Publ.: 1850 (read 14 Aug 1849; 1850 date of publ. of journal issue), p. [1]-43. *Copies*: MO, NY. – Reprinted from Proc. Amer. Acad. Sci. [for 1849] 2: 19-59. 1850.

4213. *The grasses of Winconsin,* and the adjacent states of Iowa, Illinois, Indiana, Ohio and Michigan, the territory of Minnesota, and the regions about Lake Superior. [Madison, Wisconsin 1853-1854]. Oct. (*Grasses Wisconsin*).
Publ.: 1853 or 1854, Trans. Wisc. State Agric. Soc. 3: [397]-488, *pl. 1-12.* 1853 [or 1854]. *Copies*: MO, NY. – We have seen no copies with independent pagination.
Ref.: BM 3: 1059 ("1854"); ME 3: 139 ("1853"); PR 5074.
Kellerman, W. A., *in* Geology of Ohio plants 61. 1895.

Lapie, Georges (*fl.* 1914), French botanist. (*Lapie*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 345; BL 1: 18, 19, 305; Kew 3: 367; Langman p. 429; Saccardo 2: 61; Tucker 1: 412.
Maire, R., Progr. Connaiss. bot. Algérie 155, 174, 177. 1931.

4214. Ouvrage publié sous les auspices du Gouvernment général de l'Algérie. *Flore forestière illustrée* comprenant les espèces ligneuses *de l'Algérie* et les espèces ligneuses les plus répandues en Tunisie, au Maroc et dans le midi de la France pour la détermination facile, sans l'emploi de mots techniques, de toutes les espèces décrites par G. Lapie . . . [et] A. Maige . . . Ouvrage précédé de Notions de botanique appliquée à la sylviculture, et accompagné de clefs permettant la détermination en hiver des essences à feuilles caduques et la reconnaisance des principaux bois. 881 figures, et une carte de l'Algérie. Paris (E. Orlhac, éditeur . . .) s.d. [1914]. Oct. (*Fl. forest. ill. Algérie*).
Co-author: Louis Albert Maige (1872-1943).

Publ.: 1914 (p. viii: Dec 1914), p. [i]-viii, [1]-205, [part 2:] [207]-357, [358, cont.], map. *Copies*: L, USDA. – The letters T, M and F following french vernacular names refer to Tunisia, Marocco and France. – See also Lapie, *Étude phytogéogr. de la Kabylie du Djurjura*, Rev. géogr. 3: 1-154. 1909.

Laplanche, Maurice Counjard de (1843-1904), French mycologist and landed gentleman at Laplanche near Luzy (Nièvre) and at Souh-el-Khemis (Tunisia). (*Lapl.*).

HERBARIUM and TYPES: AUT (4000; mycol. herb.).

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 282, 331; Barnhart 2: 345; BM 3: 1059; IH 2: 412; Kew 3: 367; LS 14918-14918a; TL-2/1: 909.
Gillot, Bull. Soc. mycol. France 20: 87-88. 1904.
Raymond, Soc. hist. nat. Autun 18: 4-8. 1905.

4215. *Dictionnaire iconographique des champignons supérieurs* (Hymenomycètes) qui croissent en Europe, Algérie & Tunisie suivi des tableaux de concordance (pour les hyménomycètes) de Barrelier, Batsch, Battarra, Bauhin, Bolton, Bulliard, Krombholz, Letellier, Paulet, Persoon, Schaeffer et Sowerby . . . Autun (Dejussieu père et fils . . .), Paris (P. Klincksieck, . . .) 1894. Oct. (*Dict. iconogr. champ. sup.*).
Publ.: 1894 (Nat. Nov. Dec(1) 1894; Hedwigia 15 Feb 1895; Bot. Zeit. 1 Jan 1895), p. [i]-x, [1, avis], [1]-541, [542, cont:]. *Copies*: MICH, MO, NY, Stevenson, USDA; IDC 6281.

Laporte, Louis Jacques (*fl.* 1930), French algologist. (*Laporte*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kew 3: 367.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 567. 1963.

4216. *Diatomées rares et curieuses*. Paris (no imprint) 1929-1930, 2 vols. Qu. (*Diatom. rar. cur.*).
Co-author: P. Lefébure.
1: 1929 (Nat. Nov. Sep 1929), p. [i-xii], *pl. 1-15* (plain "heliogravures").
2: 1930 (Nat. Nov. Jul 1930), p. [i-xii], *pl. 16-30* (id.)
Copies: FH, US.

4217. *Recherches sur la biologie & la systématique des Desmidiées* . . . Paris (Paul Lechevalier & Fils) 1931. Oct. (*Rech. Desmid.*).
Publ.: Nov-Dec 1931 (p. 152: printer's date 6 Nov 1931), p. [1]-150, [152], *pl. 1-22* with text. *Copy*: NY. *Encyclopédie biologique* vol. 9.

Larbalestier, Charles Du Bois (1838-1911), Jersey lichenologist, studied at St. John's College, Cambridge (BA 1863), resided as tutor in Connemara, later again at Cambridge and St. Aubin's, Jersey, ultimately at St. Helier. (*Larbal.*).

HERBARIUM and TYPES: BIRM; important sets also at BM and CRK. – Exsiccatae:
(1) *Lichenes caesarienses et sargienses exsiccati* fasc. 1-6, no. 1-280, 1867-1872, sets at BM, K, MANCH, NY (but see Sayre). (Caesaria is Jersey; Sargia stands for Sark, not for Sarnia = Guernsey).
(2) *Lichenes exsiccati circa Cantabrigiam* nos. 1-35, Cambridge 1896, sets at BM, K.
(3) *Lichen-Herbarium*, fasc. 1-9, nos. 1-360, 1879-1881, sets at BM, C, H, K, LIVU, PC, W.
(4) "Lichens of Connemare", "Lichenes rarissima," "Lichenes aegyptiaci" and "Lichens of Ireland" are mentioned in the literature.
Ref.: Sayre, G., Mem. New York Bot. Gard. 19(1): 139-140. 1969.
Hawksworth, D. L., Mycol. handb. 184. 1974 (fungi also at CRK, FI).
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Anon., Science ser. 2. 33(852): 654. 1911; Times 11 Apr 1911 (fide BB).

Britten, J., Bot. 49: 200. 1911.
Hawksworth, D. L. and M. R. D. Seaward, Lichenol. Brit. Isl. 20, 108, 198, 211, 215, 217, 1977.
Smith, A. L., J. Bot. 50: 69-70. 1912.

DEDICATION: W. A. Leighton (1805-1889) dedicated the third edition of *The lichen-flora of Great Britian*, 1879, to Charles Larbalestier.

Larber, Giovanni (1785-1845), Italian physican and botanist at Bassano. (*Larber*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1061; Bossert p. 228; Jackson p. 162; Kew 3: 368; LS 14924-14925; Plesch p. 298; PR 5076-5077 (ed. 1: 5561); Saccardo 1: 95.
Zuchold, E. A., Jahresb. naturf. Ges. Halle 5: 31. 1853.

4218. *Sui funghi* saggio generale di Giovanni Larber con tavole in rame ed una descrizione e tavola sinottica de' funghi mangerecci piu comuni d'Italia . . . Bassano (dalla Tipografia Baseggio) 1829, 2 vols. Qu. (*Funghi*).

1(1): 1829 (p. 6: 20 Nov 1828), p. [1]-92, *pl. 1-5*.
(2): 1829, p. [93]-173, *pl. 6-10*.
2(1): 1829, p. [1]-71, [72, err.], *pl. 11-15*.
(2): 1829, p. [73]-328, *pl. 16-20, 1 suppl. pl.*
Copies: Stevenson, USDA; IDC 5287.

Larreategui, Joseph [José] **Dionisio** (*fl. 1795*), Mexican botanist. (*Larreat.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1061; Hortus 3: 1198 ("Larreat."); Kew 3: 368; Langman p. 430; PR 5078 (ed. 1: 5565); Tucker 1: 413.
Cervantes, V., Ejercicios públicos de botánica. México, 10 p. (see also Gaz. Méx. 6: 703-705. 1794) (announces graduation of L.) (fide Langman).

4219. *Descripciones de plantas*. Discurso que en la abertura del estudio de botánica de 1. de Junio de 95. pronunció en el real Jardin de Mexico el Br. D. Joseph Dionisio Larreátequi, . . [Mexico 1795]. Qu. (*Descr. pl.*).
Orig.: On or after 1 Jun 1795; [1]-48, *1 pl.*, [err. on verso of plate]. *Copy*: NY.
Reprint: Nueva Recop. Monog. *in* An. Inst. Méd. nac. Mex. 1: 5-25 (app.). 1894.
French translation: "*Description botanique du Chiranthodendron*, arbre du Mexique, nouvellement connu, et remarquable par son aspect et sa beauté; traduction de l'espagnol de Don Joseph-Denis Larréategui, étudiant en médecine au Mexique; avec deux planches coloriées: publiée par M. Lescallier, . . . À Paris (de l'Imprimerie impériale) an xiii. = 1805. *Publ.*: 1805, p. [1]-28, *pl. 1-2* (col. stipple engr.). *Copies*: HH, NY, US, USDA, WU. – Later issued with a slip pasted over the original imprint: "A Paris, rue de Thionville, no. 116, chez Firmin Didot, . . ." (*Copy*: USDA).
German translation: in Schrader, Neues J. Bot. 2: 104-109. 1807.

Larsen, Esther Louise (1901-x), American botanist trained at Washington University, St. Louis, the Missouri Botanical Garden and later at Univ. of Montana and Univ. of Pennsylvania; married (1934) Kenneth David Doak. (*Larsen*).

HERBARIUM and TYPES: MO, MONTU, PENN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 347; BJI 2: 101; Bossert p. 228; IH 2: 413; Kew 3: 369; Langman p. 430.
Ewan, J. et al., Short hist. bot. U.S. 35. 1969.

EPONYMY: *Larsenia* Bremekamp (1965) is dedicated to Kai Larsen (1926-x), Danish botanist.

Larseniella Munk (1942) is dedicated to Paul Larsen (1864-1938), Danish secondary school teacher and mycologist.

4220. *A revision of the genus Townsendia* [Ann. Mo. Bot. Gard. 14, 1927] 1927. Oct. (*Revis. Townsendia*).
Publ.: 8 Jun 1927, Ann. Mo. Bot. Gard. 14: 1-46, *pl. 1-7*. *Copy*: MO (reprint with original pagination and special cover rd. at MO 24 Jun 1927; see date on p. 1).

Larsson, Lars Magnus (1882-1884), Swedish botanist; Dr. phil. Uppsala 1851; high school teacher (1850), later lecturer (1860) at the grammar school of Karlstad. (*Larss.*).

HERBARIUM and TYPES: Unknown; some material at C.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 347; BL 2: 520, 550, 679; BM 3: 1061; CSP 3: 856, 16: 611; IH 2: 413; Jackson p. 336, 339; Kew 3: 371; KR p. 383; NAF ser. 2. 2: 163; PR 5079-5080; Rehder 5: 491; SO 906; Tucker 1: 413.
Anon., Bot. Not. 1852: 126, 1884: 138; Bot. Gaz. 9: 178. 1884; Rev. bot. Bull. mens. Soc. Franc. bot. 3: 287. 1884.
Wittrock, V. B., Acta Horti Berg. 3(2): 47. 1903, 3(3): 21-22, *pl. 102*. 1905.

4221. *Symbolae ad floram Daliae*, dissertatio quam venia ampliss. facult. philosoph. praeside Mag. Elia Fries . . . pro gradu philosophico p.p. auctor Laurentius M. Larsson Verm. a.h. stipendiar kniggean. In audit. Gustav. die jun x mdcccli. h.p.m.s. Carolstadii [Karlstad] (excudebat C.Kjellin.) s.d. [1851]. (*Symb. fl. Dal.*).
Publ.: 10 Jul 1851 (t.p.), p. [1]-19. *Copies*: G, L, NY.

4222. *Flora öfver Wermland och Dal*, af L. M. Larsson. Carlstad (På Carl Kjellins Förlag) s.d. [1859]. (*Fl. Wermland*).
Ed. 1: Sep-Dec 1859 (p. iii: Aug 1859), p. [i*], [i]-ix, [1]-308. *Copy*: NY.
Ed. 2: Sep-Dec 1868 (p. v: Aug 1868), p. [i]-xii, [1]-350. *Copies*: NY, USDA. – "Andra Upplangan." Carlstad (id.) s.d. Oct.
See also the author's *Plantarum vascularium in Vermlandia Ferrimontana sponte crescentium synopsis*, Carolstadii (C. Kjellin) 11 Sep 1852, 35 p.
Ref.: Hård av Segerstadt, F., Göteb. Vet.-Vitterh.-Samhäll. Handl. 6, ser. B, vol. 7, 707 p. 1952 (recent treatment of Värmland's flora).

4223. *Öfversigt af Sveriges vigtigare fanerogama växtslägten* ordnade efter det Friesiska Systemet af L. M. Larsson, Karlstad. (Hjalmar Peterson & C:o) s.d. [1877]. Oct. (*Öfvers. Sv. fan. växtsl.*).
Publ.: Aug 1877 (cover p. 4 dated Aug 1877; p. 2 dated 1877), p. [1]-80. *Copy*: NY.

Larter, Clara Ethelinda (1847-1936), British botanist at Torquay. (*Larter*).

HERBARIUM and TYPES: TOR (herb.) and OXF; algae at K.
Ref.: Kent, D. H., Brit. herb. 64. 1957.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 237, 679; BM 3: 1061; Clokie p. 197; Desmond p. 371; IH 2: 413; Kew 3: 371; LS 14938; Rehder 1: 535.
Fraser, G. K., Proc. Linn. Soc. London 149: 200-202. 1937.
Martin, W. V. and G. K. Fraser, Fl. Devon 777-778. 1939.
P. M. H., Bot. Soc. Exch. Club. Brit. Isl. Rep. 11(3): 212-213. 1937.

4224. *Manual of the flora of Torquay* . . . Torquay (Andrew Iredale, . . .) 1900. Oct. (*Man. fl. Torquay*).
Publ.: Sep-Dec 1900 (p. iii: Aug 1900), p. [i-iii], [1]-83. *Copy*: NY. – Motto: "Land of fragrance, quietness, and trees and flowers."

Lasch, Wilhelm Gottfried (1787-1863), German pharmacist, mycologist, and hieraciologist at Driesen (Driessen) (Neumark); from 1814-1824 practicing pharmacist; from 1824 Privatgelehrter. (*Lasch*).

HERBARIUM and TYPES: B; other material: L, MSTR, MW, PAV, WRSL. Exsiccatae: *Herbarium norddeutscher Pflanzen* für angehende Lehrer, Pharmaceuten und alle Freunde der Botanik fasc. i-viii, 346 nos., Driesen und Gorlitz 1860; ed. 2, 1863. (with C. G. Baenitz). Set at FH. Lasch contributed also to Klotzsch-Rabenhorst, *Herbarium mycologicum.*
Ref.: Anon., Flora 46: 47, 432. 1863; Bot. Zeit. 21: 348. 1863, 22: 92, 200. 1864. (herb.). Sayre, G., Mem. New York Bot. Gard. 19(1): 32. 1969.

BIBLIOGRAPHY and BIOGRAPHY: ADB 17: 731; AG 6(1): 642; 12(1): 222; Barnhart 2: 347; CSP 3: 857-858; Frank 3 (Anh.): 55; GR cat. p. 67; IF p. 714; IH 2: 414; LS 14939-14945a; NAF 9: 440-441; PR (alph.); Rehder 5: 491; Stevenson p. 1248; Tucker 1: 413; Urban-Berl. p. 278, 367.
Anon., Bull. Soc. bot. France 10: 354. 1863; Flora 46: 333. 1863; Bot. Zeit. 21: 240. 1863.
Ascherson, P. F. A., Fl. Provinz Brandenburg 1: 8. 1864.
Baenitz, K. G., Verh. bot. Ver. Brandenburg 5: xii-xvii. 1863 (bibl.), Bot. Zeit. 22: 264. 1864.

NOTE: Lindblom, A. E., *Index alphabeticus generum, specierum et synonymorum in . . . Fries systemate mycologico . . . enumeratorum*, Greifswald 1832, 202 p. indexes also some papers by Fries and Lasch from Linnaea (inf. Ellen Farr).

EPONYMY: *Laschia* E. M. Fries (1830); *Laschia* Junghuhn (1838).

Lasègue, Antoine (1793-1873), French librarian to Benjamin Delessert. (*Lasègue*).

HERBARIUM and TYPES: Lasègue is not known to have made a herbarium.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 348; BM 3: 1062; Jackson p. 421; Kew 3: 372; Langman p. 430; MW p. 261; PR 5081 (ed. 1: 5566-5568); Rehder 5: 491; SO 3456; TL-2/1: 1008, 1351, Delessert, J. P. B.; Tucker 1: 413.
Anon., Bull. Soc. bot. France 16(Bibl.): 236-239. 1870 (silver cup given to L. by botanical society).
Argout, A. d'., Notice sur la vie de Benjamin Delessert, lue à l'assemblée générale des directeurs, des censeurs et des administrateurs des caises d'épargne le 8 mai 1847. Paris.
Briquet, J., Bull. Soc. bot. Suisse 50a: 296-298. 1940.
Candolle, Alph. de, Musée botanique de M. Benjamin Delessert [review], Bibliothèque universelle de Genève, ser. 2. 57: 150-176. 1845.
Cap, P. A., Benjamin Delessert. Paris 1850 (n.v.).
Chenu, J. C., Notice sur le Musée conchyliologique de M. le Baron B. Delessert. Paris 1849.
Decaisne, J., Bull. Soc. bot. France 20(C.R.): 226-228. 1873.
Delessert, F., [Note in letter to editor] Bot. Zeit. 5: 359-360. 1847.
Lasègue, A., Bull. Soc. bot. France 17(C.R.): 3-4. 1870 (parting words as president Soc. bot. Fr.).
Pritzel, G. A.,Erinnerungen, Grenzboten ann. 1847 (n.v.).
Schmid, G., Chamisso als Naturforscher 170. 1942.

HANDWRITING: Taxon 19: 930. 1970.

EPONYMY: *Laseguea* Alph. de Candolle (1844).

4225. *Musée botanique de M. Benjamin Delessert.* Notices sur les collections de plantes et la bibliothèque qui le composent; contenant en outre des documents sur les principaux herbiers d'Europe et l'exposé des voyages entrepris dans l'intérêt de la botanique . . . Paris (Librairie de Fortin, Masson et Cie., . . .), Leipzig (même maison chez L. Michelsen). Janvier 1845. Oct. (*Mus. bot. Delessert*).
Publ.: Jan 1845 (title-page; BF 11 Jan 1845), p. [i-xi], – 1]-588. *Copies*: G, MICH, MO, NY (dedic. copy Torrey), U, USDA, IDC 434. – One of the most important sources for establishing the location of older herbaria, types and collections; the first true *Index Herbariorum.* – An "Uebersicht der Länder oder Gegenden und der bekanntesten Reisenden . . ." (Flora ser. 2. 4: 49-64. 1846), published under Lasègue's name, differs in various respects and is less accurate.

Facsimile ed.: Lehre (J. Cramer) 1970, with an introduction by F. A. Stafleu. Historiae naturalis classica tomus lxxxi, ISBN 3-7682-0686-6, p. [i]-xxiv (intr.) followed by facsimile. *Copies*: MICH, FAS, U, US.
Ref.: Anon., Flora 1845: 744-747.
Candolle, Alph. de, Bibl. universelle Genève 57: 150-176. 1845.
Schlechtendal, D. F. L. von, Bot. Zeit. 3: 290-293. 25 Apr 1845, 4: 69-70. 1846.
Stafleu, F. A., Benjamin Delessert and Antoine Lasègue, *in* facsimile reprint Lehre 1970, p. v-xxv; Taxon 19: 920-936. 1970.
Hooker, W. J., London J. Bot. 4: 212-218. 1845.

Lassimonne, Simon Etienne (fl. 1932), French botanist. (*Lassim.*).

HERBARIUM and TYPES: AUT; further material at C, COI, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 348; BL 2: 111, 116, 117, 134, 168, 679; CSP 16: 616; IH 2: 414; Kew 3: 372.
Anon., Le Monde des plantes 7: 74. 1898.

4226. *Flore des plantes vasculaires du Bourbonnais*. Synopsis des espèces linnéennes ou linnéons . . . Moulins ("Les imprimeries réunies" . . .) 1932. Oct. (*Fl. pl. vasc. Bourbonnais*).
Publ.: 1932 (printer's date Mar 1932), p. [i*], [i]-iii, [1]-258, [1, ind; 1 cont., 1 pr. date]. *Copy*: US.
Ref.: Lassimonne, Rev. Sci. Bourbonn. 1923: 125-132, 1924: 33-64, 145-164, 1925: 57-68, 145-163, 1928: 41-54 (prodromes; fide BL 2: 134).

Latapie, François de Paule A. (1739-1823), French botanist at Bordeaux University. (*Latap.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 348; Henrey 2: 509; Jackson p. 419; PR 5082 (ed. 1: 5575); Rehder 5: 491; SO add. 693a.

4227. *Hortus burdigalensis*, seu catalogus omnigenarum plantarum, praesertim officinalium, quae in horto botanico Academiae scientiarum burdigalensis, juxta Linnaeanum systema demonstrabuntur, anno 1784. Plantarum synonymiam, descriptiones, virtutes, systemata singulatim exhibente Fr. A. Latapie, . . . Ad utilitatem publicam studiumq. botanicum promovendum. Burdigalae [Bordeaux], (apud Mich. Racle, . . .) 1784. Duod. (*Hort. burdigal.*).
Publ.: 1784, p. [1]-83. *Copies*: G, USDA.

Laterrade, Jean-François (1784-1858), French botanist; at first high school teacher; founded the Société Linnéenne de Bordeaux on 25 Jun 1818; director of the Bordeaux botanical garden 1842. (*Laterr.*).

HERBARIUM and TYPES: BORD.
Ref.: Anon., Act. Soc. Linn. Bordeaux 48: xxx. 1895, 55: cxxvi, cxlix, clii. 1900.

NOTE: Des Moulins (1860) relates that Latterrade, after founding the *Société linnéenne de Bordeaux*, tried to make this a nation-wide organisation with twelve different sections. The French government disbanded this organisation of Linnaean societies in 1828. "en lui interdisant de s'attacher désormais des collègues par des liens si directs." An interesting example of early suppression of botanical societies through governmental action. From the point of view of the history of ideas in botany this incident merits further investigation.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 348; BL 2: 152, 679; BM 3: 1063; CSP 3: 868-869; GR p. 332; Jackson p. 280; Kew 3: 373; PR 5083; Quenstedt p. 253; Rehder 5: 491; Tucker 1: 413; Zander ed. 10, p. 683.
Des Moulins, C. R. A., Actes Soc. Linn. Bordeaux 20: 87-93. 1860 (extract: Bull. Soc. bot. France 7: 206-207. 1860), 22: 445-460, 585 1860 (portr.; also as repr. 18 p.), 23: 478. 1861.

Wittrock, V. B., Acta Horti Berg. 3(2): 114. 1903, 3(3): 106. 1905.

COMPOSITE WORKS: *L'ami des champs*, journal d'agriculture du Département de la Gironde, Bordeaux; Laterrade editor 1825 (vol.3)-1867. The first number came out on 25 Mar 1823 according to a prospectus of 8 p. by Saget at the Bibliothèque municipal, Bordeaux; Laterrade took over the editorship from 1825 (inf. W. D. Margadant).

EPONYMY: *Laterradea* Raspail (1824).

4228. *Flore bordelaise*, ou tableau des plantes qui croissent naturellement aux environs de Bordeaux, dans un circle d'un myriamètre et demi de rayon, classées d'apres le système de Linné, avec l'étymologie des noms génériques, le site, l'époque de la floraison, etc., leurs usages dans les arts, l'économie rurale et la médecine; précédée de notions élémentaires sur la Botanique. Dédiée à Monsieur Lynch, Maire de la Ville de Bordeaux, comte de l'Empire . . . Bordeaux (De l'Impr. de Moreau, . . .) An 1811. Duod. (*Fl. bordel.*).

Ed. 1: 1811, p. [1]-299, [300, err.]. *Copies*: G, NY, USDA.
Supplément: Jan 1817, p. [301]-338, 339-364. *Copy*: USDA. – This supplement contains the species described by Laterrade in Bull. philom. Jun 1814. The supplement proper is followed by indexes and further notes on p. 339-364.
Ed. 2: Aug-Dec 1821 (see p. 477, reference to *A. verna*), p. [1]-516, [1-3], err. slip. *Copies*: G, NY. "Flore bordelaise, ou description charactéristique des plantes qui croissent naturellement aux environs de Bordeaux, avec l'étymologie, le site, l'époque de la floraison, etc.; leurs propriétés et leurs principaux usages; précédée de notions élementaires sur la botanique. Dédiée . . . seconde édition, entièrement refondue et augmentée d'un Essai de la flore de la Gironde. A Bordeaux (de l'imprimerie d'André Brossier.) Année 1821." Duod. – A copy at BORD has 15 coloured plates.
Ed. 3: 1829, p. [1]-591, [592]. *Copies*: G, NY. – "*Flore bordelaise* et du département de la Gironde, description characteristique des plantes qui croissent naturellement aux environs de Bordeaux, et dans les autres parties du Département, avec l'étymologie, le site, l'époque de la floraison, etc.; leurs propriétés et leurs principaux usages, précédée de notions élémentaires de botanique. Troisième edition, revue . . . Bordeaux (Imprimerie de R. Laguillotière et comp.) Année 1829." Duod. – For supplementary notes see Act. Soc. Linn. Bordeaux 10: 159-179, 242-250. 1838, 11: 153-160. 1839.
Ed. 4: 1-15 Apr 1846 (copy at BORD), p. [1]-624. *Copies*: G, MICH, NY. – "*Flore bordelaise* et de la Gironde, description . . . quatrième edition, disposée d'après la méthode naturelle et avec l'indication de beaucoup d'espèces cultivées . . ." Bordeaux (Imprimerie de Th. Lafargue, . . .) 1846. 18-mo. (gatherings of 6 and 12 p. alternate).
Supplément: Apr 1857, p. [625]-690. *Copies*: MICH, NY.
Note: Copies of all editions at BORD were seen by W. D. Margadant (personal comm. 29 Nov 1977).

Latourrette, Marc Antione Louis Claret de [Fleurieu de] (1729-1793), French naturalist; judge at the Lyon fiscal court until 1771; permanent secretary of the Lyon Academy 1767-1793; founder of various botanic gardens in the Lyon area; active floristic botanist and popularizer of science. (*Latourr.*)

HERBARIUM and TYPES: Material in LINN and P-JU. Magnin (1906) states that his "rich herbarium," which contained the Villars herbarium, is at the "Conservat. du Jardin bot. de Lyon." Bryophytes also in B (herb. Bridel, extant).

NOTE ON NAME: Latourrette signed himself "M. Ant. Lud. à Latourrette" at the end of his *Chloris lugdunensis* (1785).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 349; BM 3: 1064; Dryander 5: 318; HU 632; IH 2: 415; Jackson p. 34; Kew 3: 373; Lenley p. 462; LS 14963; NI 1144; Plesch p. 392; PR 5084-5086; Rehder 5: 491; Saccardo 1: 95; SO 282, add. 655ab, 716, 717, 2631; Tucker 1: 413.
Gilibert, *in* Latourette, M. A. L. C. de, Démonst. bot. ed. 4. 1: xlvii-xlviii. 1796.
Magnin, A., Bull. Soc. bot. Lyon 31: 3, 37-39, 46. 1906 (many references to original sources.

bibl., attributions of anonymous publications), 32: 112-113. 1907 (add. bibl.) 35: 21-22, 66, 67, 68, 73, 76. 1910 (add.); Claret de la Tourette. Paris, Lyon 1885, iii, 236 p. (major biography).

HANDWRITING: Magnin, A., Claret de la Tourette, Paris, Lyon 1885; Candollea 31: 157-158. 1976.

EPONYMY: *Tourretia* Fougeroux 1787 (*orth. rej.*); *Tourrettia* Fourgeroux (1787); corr. Schreber (1791, *orth. et nom. cons.*)

4229. *Démonstrations élémentaires de botanique* ... À Lyon, (Chez Jean-Marie Bruyset, imprimeur-libraire.) 1766, 2 vols. Oct. (*Démonstr. élém. bot.*).
Collaborator: Abbé François Rozier (1734-1793).

Ed. [*1*]: In two volumes, 1766 (privilège 21 Feb 1766). *Copies*: G, USDA.
1: [i*-iii*], i-xvi, 1-272, i-xxv, [xxvi, err.], *pl. 1-8* (uncol. copp.).
2: [i*-iii*], i-viii, [1]-652, i-xl, [1-3, priv.].
Ed. 2: In two volumes, 1773. *Copy*: NY.
1: [i*-iv*], i-xl, 1-316, *pl. 1-8* (uncol. copp.).
2: [i]-viii, [1]-652, i-xl, [1-3, priv. 1766]. "*Démonstrations* ... *botanique*, à l'usage de l'école royale vétérinaire ... nouvelle édition, corrigée et augmentée." A Lyon (id.) 1773. Oct.
Ed. 3: Nov-Dec 1787 (p. xv: Nov 1787; registr. vol. 3, 15 Sep 1787), in three volumes, edited and annotated *by*: Jean Emmanuel Gilibert (1741-1814) (see 1: xv). *Copies*: G, MO, NY, USDA.
1: [i]-lii, [1]-176, *pl. 1-8* (uncol. copp.), [i]-xxiv, *1 pl.* [*9*] (id.), [1]-482, *pl. 1-2* [*10-11*] (id.).
2: [i]-lxxxviii, [1]-580.
3: [i-iv], [1]-720.
"*Démonstrations* ... *botanique*, contenant les principes généraux de cette science, l'explication des termes, les fondemens des méthodes, & les éléments de la physique des végétaux. La description des plantes les plus communes, les plus curieuses, les plus utiles, rangées suivant la méthode de M. de Tournefort & celle du Chevalier Linné. Leurs usages & leurs propriétés dans les arts, l'économie rurale, dans la médecine humaine & vétérinaire; ainsi qu'une instruction sur la formation d'un herbier, sur la dessication, la macération, l'infusion des plantes, &c. Troisième édition, corrigée & considérablement augmentée ..." À Lyon (chez Bruyset frères.) 1787, 3 vols. Oct.
Ed. 4: 1796 (1: xxxii Nov 1795), 4 vols. *Copies*: MO, NY, USDA. – *Editor*: Gilibert (see ed. 3).
1: [i]-xxxii, [i]-cxv, [cxvi], [1]-515, [516], *pl. 1-8* (uncol. copp.).
2: [i]-iv, [1]-752.
3: [i-iv], [1]-776.
4: [i-iv], [1]-735, *4 pl.* (uncol. copp.).
"*Démonstrations* ... [as ed. 3] méthode de Tournefort & celle de Linné; leurs usages & leurs propriétés dans les arts, l'économie rurale, dans la médecine humaine & vétérinaire; ainsi qu'une instruction sur la récolte & la dessication des plantes. Quatrième édition, revue avec soin, augmentée de notices raisonnées sur les principaux auteurs, de la description de près de douze cents espèces non comprises dans l'edition précédente, & rédigée pour former un corps complet de doctrine, embrassant l'histoire de presque toutes les plantes de l'Europe & de celles qui y ont été naturalisées par la culture. On y a joint les figures de près de 400 plantes alpines, méridionales ou septentrionales dessinées sous la direction de Richier de Belleval & sous celle de Linné, celles des graminées les plus communes en Europe, des mousses & analogues, accompagnées d'un commentaire & d'une discussion critique ... À Lyon" (Chez Bruyset ainé & C.e) 1796, 4 vols. Oct.
Quarto atlas (accompanying the octavo ed.): 1796, 2 vols. *Editor*: Gilibert (see ed. 3). *Copies*: B, G, NY, USDA. – (The copies show differences in the binding of the various parts).
1: [i-iv], [1]-15, *pl. 1-14* (uncoll. copp.), [i]-xvi (on P. R. de Belleval), [1]-140, *pl. 1-150, 250 a-c, 151-166* (id.).
2: [i-iv], *pl. 167-276, 278-282* (id.), [1]-24 [with biogr. notice of J. C. Leers], *pl. 1-16* (id.), [1]-31 [with biogr. notice of S. Vaillant], *pl. 1-16* (id.), [1]-48, *pl. 1-12* (id.), [1]-15 [French transl. of latin poem by Trante].
"Démonstrations ... botanique. Partie des figures ..." À Lyon (id.) 1792, 2 vols. Qu.

Ref.: BM 1: 209 (analysis contents ed. 4); NI 703 (contents ed. 4), 1144; PR 5084 (ed. 1: 5577); SO 282, 716, 717, 2631; Sotheby 853 (ed. 1)., 854 (ed. 3), 855 (ed. 4).

4230. *Voyage au Mont-Pilat* dans la province du Lyonnois, contenant des observations sur l'histoire naturelle de cette montagne, & des lieux circonvoisins; suivies du catalogue raisonné des plantes qui y croissent . . . A Avignon, et se vend à Lyon, (chez Regnault, . . .) 1770. Oct. (*Voy. Mont-Pilat*).
Publ.: 1770, p. [i]-viii, [1]-223, [224, err.]. *Copies*: BR, G, NY. Magnin (1907) cites letters to Séguier by Latourrette of 5 Sep 1767 and 10 Mar 1770 dealing with this [anonymous] publication. *Botanicon pilatense*, p. 209-223.

4231. *Chloris lugdunensis*, Caeci ruimus in rerurum remotissimarum à nobis amplexus, patriarum & ignari & incurri. Scheuchzer. It. alp., . . . s.l. [Lyon] 1785. Oct. (*Chlor. lugd.*).
Publ.: 1785 (p.vi: Nov 1784), p. [i]-viii, [1]-43, [1, add.]. *Copy*: G.
Reprinted in J. E. Gilibert, *Syst. pl. Eur.* vol. 1, 1786 (no. 2014), (with a supplement; orig. text consists of orig. sheets)

Lauche, [Friedrich] Wilhelm [Georg] (1827-1883), German dendrologist and gardener at the horticultural school at Wildpark near Potsdam; obtained fern-hybirds. (*Lauche*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 162-163, 5(2): 444; Barnhart 2: 349; BM 3: 1065; Hortus 3: 1198 ("Lauche"); Jackson p. 506; Kew 3: 374; MW 1145; NI 1145; Rehder 5: 492; Tucker 1: 414; Zander ed. 10, p. 683.
Anon., Bot. Not. 1884: 39; Verh. bot. Ver. Brandenburg 15: xxix. 1884 (on Society's affairs.), 51: 86. 1910 (death notice).

EPONYMY: *Lauchea* Klotzsch (1854). *Note*: *Neolauchea* Kränzlin (1897) is dedicated to another Lauche (*fl.* 1897), German horticulturist.

4232. *Deutsche Dendrologie*. Systematische Uebersicht, Beschreibung, Kulturanweisung und Verwendung der in Deutschland ohne oder mit Decke aushaltenden Gehölze . . . Berlin (Verlag von Wiegandt, Hempel & Parey. (Paul Parey)) 1880. Oct. (*Deut. Dendrol.*).

Ed. [*1*]: Oct 1880 (p. vi: 1 Oct 1880; Nat. Nov. Oct(2) 1880; Bot. Zeit. 19 Nov 1880; Flora 11 Jan 1881; J. Bot. Nov 1880), p. [i]-xiii, [1]-727, *fig. 1-283*. *Copies*: G, L, MO, USDA.
Ed. 2: Jan 1883 (Nat. Nov. Feb(1) 1883; Bot. Zeit. 23 Feb 1883), p. [i]-xii, [1]-727, *fig. 1-283*. *Copies*: B, USDA. "Zweite Ausgabe." Berlin (Verlag von Paul Parey . . .) 1883. Oct. [actually simply a reissue].

Launay, de (*fl.* 1993), French botanist (*Laun.*).

HERBARIUM and TYPES: Material at P-JU (?).

NOTE: The M. de Launay, mentioned in the "approbation" of "Les genres sexuels . . ." is not necessarily identical with Louis de Launay (1740-1805); the author may be J. Cl. M. Mordant de Launay (1750?-1816), see below under eponymy.

BIBLIOGRAPHY and BIOGRAPHY: Plesch p. 299; Sotheby 438.

EPONYMY: *Launaea* Cassini (1822) is dedicated to J. Cl. M. Mordant de Launay (1750?-1816), French lawyer, later librarian of the Muséum d'Histoire Naturelle in Paris, author and editor of horticultural works. (see Backer, p. 317).

4233. *Les genres sexuels des plantes*, établis par Linné, et mis à la portée de tout le monde. Ou manuel de botanique, destiné à servir de guide pour étudier dans un ordre systématique, les descriptions des végétaux, données par Miller dans son Dictionnaire des jardiniers et des cultivateurs. Avec deux tables aphabétiques, l'une des noms françois, et l'autre des noms latins. À Bruxelles, (de l'Imprimerie d'Emm. Flon, . . .) 1793. Oct. (in fours). (*Gen. Sex. pl.*).

Publ.: 1793, p. [1]-255. *Copy*: BR. – The name of De Launay is given as author, in the "Approbation."

Laurent, Jules (1860-1918), French botanist. (*J. Laurent*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 350; BL 2: 137, 179, 679; CSP 16: 628; HU 339, 367; LS 15001a, suppl. 15566-15569.

4234. Études sur la flore et la végétation de la Champagne crayeuse . . . tome 1 *La végétation de la Champagne crayeuse* étude de géographie botanique . . . Nemours (Imprimerie Nemourienne, Henri Bouloy) 1920. Oct. (*Végét. Champagne cray.*)
Publ.: 1920 (but cover dated 1921; copy BR rd. Jun 1922), p. [i*], [i]-vii, [1]-355, *pl. 1-24*, maps 1-9. *Copy*: BR. – For a further *Catalogue des plantes de la Champagne crayeuse*, see Bull. Soc. Hist. nat. Reims 1925-1932, ix, 269 p., (BL 2: 137).

Laurent, Louis Aimé Alexandre (1873-1947), French palaeobotanist at the Institut Colonial, Marseilles. (*L. Laurent*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 294; Barnhart 2: 350; BL 2: 128, 133, 208, 679; BM 3: 1066, 7: 610; Kew 3: 377; Langman p. 431; LS 14984-15001; Moebius p. 239, 242; Quenstedt p. 254.
Alpern et al., Rev. Palaeobot. Palynol. 7: 161, 165. 1968.
Cavillier, F. G., Boissiera 5: 59. 1941.

4235. No d'ordre 4. Thèses présentées à la Faculté des sciences de Marseille pour obtenir le grade de docteur ès sciences naturelles par M. L. Laurent . . . première thèse – *Flore des calcaires de Célas* deuxième thèse – Propositions données par la faculté soutenues le [ ] Juillet 1899 devant la Commission d' examen . . . Marseille (Typographie et lithographie Moullot fils ainé . . .) 1899. Qu. (*Fl. calc. Célas*).
Publ.: Jul 1899, p. [i-ix], [1]-148, [1-6, misc.], chart, *pl. 1-14*, with text, 4 maps. *Copy*: USGS. – Thesis reprint of a paper in Ann. Mus. Hist. nat. Marseille, ser. 2, vol. 1, fasc. 2 (Oct 1898-Sep 1899), Marseille 1899. The journal publ. lacks p. [i-ix] and [1-6].

4236. Annales du Musée d'histoire naturelle de Marseille. – Géologie tome xii. *Flore plaisancienne* des argiles cinéritiques de Niac (Cantal) part L. Laurent . . . avec une introduction géologique par Pierre Marty . . . Marseille (Typographie et lithographie Moullot fils ainé . . .) 1908. Qu. (*Fl. plaisanc.*).
Introduction: Pierre Marty (*fl.* 1907-1937).
Publ.: Dec 1908 (p. 4: 13 Dec 1908), p. [1]-88, chart, *pl. 1-9* with text. *Copy*: USGS.

4237. Annales du Musée d'histoire naturelle de Marseille. – Géologie tome xiv. *Flore fossile des Schistes de Menat* (Puy-de-Dôme) . . . Marseille (Typographie et lithographie Moullot fils ainé . . .) 1912. Qu. (*Fl. foss. Menat*).
Publ.: 1912 (p. 8: 13 Dec 1911), p. [1]-246, *pl. 1-17*, with text. *Copy*: USGS.

4238. *Catalogue raisonné des plantes vasculaires des Basses-Alpes* par Louis Laurent . . . dressé d'après les documents bibliographiques recueillis par feu L. A. Dessalle . . . Marseille (Imprimerie municipale) 1934. Oct. † (*Cat. rais. pl. Basses-Alpes*).
Publ.: 1934, p. [1]-92. *Copy*: MO. – Ann. Mus. Hist. nat. Marseille 26 (mém. 4).
Ed. 2 of fasc. 2 and continuation: 1937, p. [i], [1]-393. *Copies*: BR, G. – Marseille (chez l'auteur).
Tome 2: 1: [i-v], 1-158. Sep 1939, 2: [i-vi], [159]-357. 1940. *Copy*: G.

Laurer, Johann Friedrich (1798-1873), German pharmacist, physician and lichenologist; Dr. med. Greifswald 1830; from 1836 professor of medicine (extraord.; from 1863 ord.) at Greifswald; pupil of Hoppe. (*Laurer*).

HERBARIUM and TYPES: B (destroyed); sets of duplicates at BM, GFW, H, M, NSW, S and W.
Ref.: Familler, I., Denkschr. Regensb. bot. Ges. 11: 12, 15. 1911.
Hawksworth, D. L., Mycol. handb. 184. 1974.

BIBLIOGRAPHYand BIOGRAPHY: ADB 18: 66; Barnhart 2: 351; BM 3: 1067; CSP 3: 887; DTS 1: 380, 6(4): 17; GR p. 27, pl. [14], cat. p. 67; IH 2: 416; KR p. 384; Krempelh. 1: 455, 476, 484, 530, 551; PR (alph.); SBC p. 125 ("Laur."); Urban-Berl. p. 266, 288, 305.
Anon., Bot. Not. 1874; Leopoldina 9(7, 8): 51-52. 1873.
Minks, Flora 56: 529-536. 1 Dec 1873.
Wittrock, V. B., Acta Horti Berg. 3(3): 141. 1905.

COMPOSITE WORKS: *Die Flechten*, in J. Sturm, *Deutschlands Flora*, Abth. 2, Hefte 24, 28, 29 1832-1835.

EPONYMY: *Laurera* H. G. L. Reichenbach (1841); *Laureria* D. F. L. Schlechtendal (1834); *Laureriella* Hepp (1867); *Laureromyces* Ciferri & Tomaselli (1953).

Lauterbach, Carl (Karl) **Adolf Georg** (1864-1937), German botanist and explorer; director of the Neu-Guinea Compagnie; characteristic "Privatgelehrter" of independent means, who built up a rich botanical collection and library on his estate Stabelwitz near Breslau. (*Lauterb.*).

HERBARIUM and TYPES: WRSL (50.000); material from his voyage around the world and other expeditions at: B, BM, BO, H (musci), K, L, LE, S, US, WRSL. – Lauterbach, who had acquired Otto Kuntze's *Thesaurus iconum*, (142 folio volumes) left this collection also to WRSL. – The type specimens of *Die Flora der deutschen Schutzgebiete in der Südsee* were at B.
Ref.: Lauterbach, Verh. Ges. Erdk., Berlin, 23: 360-364, 507-509, 24: 51-69. 1897 (on Kaiser Wilhelms-Land Expedition).
Rostánski & Weretelnik, Prace Bot., Wroclaw 16: 77-90. 1973 (catal. Lauterbach herb., part 1).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 317; Barnhart 2: 351; BJI 1: 36, 2: 102-103; BL 1: 115, 120, 121, 127, 305; BM 3: 1067; Bossert p. 229; CSP 16: 630; GR p. 104; Hortus 3: 1198 ("Lauterb."); IF suppl. 1: 83; IH 1(ed. 6): 361, 2: 416; Kew 3: 378; Plesch p. 300; Rehder 5: 493; SK 1: 313-314, cxxv, 4(2): cix, 5: ccxcv; Tucker 1: 415; Urban-Berl. p. 176, 177, 189, 305, 367; Zander ed. 10, p. 683.
Hatusima, Bot. Mag. Tokyo 65: 109-111. 1952 (revision of some of L's genera).
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 186. 1947.
Verdoorn, F., Chron. bot. 4(1): 76-78. 1938 (portr.).
Winkler, Ber. deut. bot. Ges. 55: (231)-(247). 1938 (portr., bibl.).

HANDWRITING: Fl. males. ser. 1. 1: cli. 1950.

EPONYMY: *Clarorivinia* Pax et K. Hoffmann (1914; this is a Latin translation of the German name Lauterbach); *Lauterbachia* J. Perkins (1900); *Lauterbachiella* P. C. Hennings (1898). *Note*: *Gertrudia* K. M. Schumann (1900) commemorates Mrs. Lauterbach (Gertrud Fuchs-Henel), herself a skilled botanical artist.

4239. *Die Flora der deutschen Schutzgebiete in der Südsee* von Prof. Dr. Karl Schumann . . . und Dr. Karl Lauterbach . . . Leipzig (Verlag von Gebrüder Borntraeger) 1901. Oct. (*Fl. Schutzgeb. Südsee*).
Co-author: Karl Moritz Schumann (1851-1904), senior author.
Publ.: Nov 1900 (t.p. 1901; p. v: 1 Oct 1900; Nat. Nov. Dec(1) 1900; NY copy rd. at New York on 7 Dec 1900), p. [i-ii], map, [iii]-xvi, [1]-613, *pl. 1-3, 3a, 4-22* (uncol. liths.). *Copies*: MO, NY, U. – *Plates*: uncol. liths of drawings by Gertrud Bartusch. – According to Nat. Nov. Oct (1) 1902 a reprint of the part dealing with algae, 35 p., was issued dated 1901 (n.v.).
Nachträge zur Flora . . . Südsee (mit Ausschluss Samoa's und der Karolinen) . . . mit 14 Tafeln und einem Bildnis von K. Schumann. Leipzig (id.) 1905. Oct. *Publ.*: early Nov 1905 (p. [5]: Feb 1905; Nat. Nov. Dec(1) 1905; note in copy U by Otto Kuntze "Anfang

November ab Leipzig erhalten"), portr. K. Schumann, p. [i], [1]-446, *pl. 1-14* (uncol. liths., Gertrud Bartusch). *Copies*: MO, U, USDA. *Microspermae* (mainly), by R. Schlechter.

Facsimile ed.: 1976, Vaduz, Liechtenstein (J. Cramer in der A. R. Gantner Verlag . . .), ISBN 3-7682-1085-5, Historiae naturalis classica tomus 99. (see Taxon 26: 125-126. 1977). *Copy*: FAS.

Ref.: J. M. C., Bot. Gaz. 31: 206-207. 16 Mar 1901.

4240. *Beiträge zur Flora von Papuasien.* I [-XXII]. Botanische Ergebnisse der mit Hilfe der Hermann und Elise geb. Heckmann-Wentzel-Stiftung ausgeführten Forschungen in Papuasien, verbunden mit der Bearbeitung anderer Sammlungen aus diesem Gebiet herausgegeben mit Unterstützung der Stiftung von Dr. C. Lauterbach unter Mitwirkung von Dr. Schlechter und anderen Botanikern . . . Leipzig (1-8: Wilhelm Engelmann, 9-11: Max Weg) 1912-1924. Oct. (*Beitr. Fl. Papuas.*).

Main collaborator: Friedrich Richard Rudolf Schlechter (1872-1925).

Publ.: A series of 22 papers by numerous authors published in Engler's Botanische Jahrbücher; no. 1-11 (and following?) also issued under separate covers but with original pagination. *Copy*: U.

Beitr.	Engler's Bot. Jb.	dates
1	49: 1-169	27 Aug 1912
2	50: 1-170	15 Apr 1913
3	50: 288-314	19 Aug 1913
3(ctd.)	50: 315-383	25 Nov 1913
4	52: 19-176	24 Nov 1914
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5	54: 69-96	26 Apr 1916
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5(ctd.)	54: 129-261	4 Oct 1916
6	55: 19-144	27 Nov 1917
7	56: 31-160	27 Jan 1920
7(ctd.)	56: 161-272	23 Apr 1920
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7(ctd.)	56: 401-414	18 Feb 1921
8	57: 321-320	6 Mai 1921
8(ctd.)	57: 321-400	14 Mar 1922
8(ctd.)	57: 401-528	23 Mai 1922
8(ctd.)	57: 526-608	15 Sep 1922
9	58: 1-96	1 Dec 1922
9(ctd.)	58: 97-181	1 Feb 1923
10	58: 244-304	1 Apr 1923
10(ctd.)	58: 305-448	1 Jul 1923
10(ctd.)	58: 449-523	1 Nov 1923
11	59: 41-128	15 Jan 1924
12	59: 505-567	15 Mar 1925
13	60: 1-174	15 Dec 1925
14	61: 1-64	1 Jan 1927
14(ctd.)	61: 65-222	15 Jun 1927
15	62: 284-304	1 Nov 1928
16	62: 338-416	1 Feb 1929
16(ctd.)	62: 416-501	15 Mai 1929
17	62: 550-569	15 Mai 1929
18	63: 1-28	15 Nov 1929
19	63: 419-476	10 Oct 1930
20	66: 161-215	25 Jan 1934
21	67: 143-236	21 Jun 1935
22	68: 244-268	14 Apr 1937
23	69: 252-294	21 Oct 1938
24	70: 95-148	28 Apr 1939

Parts 23 and 24 by L. Diels. For *indexes* see:
a: for nos. 1-6, Bot. Jahrb. 55: 295-312. 1918.
b: for index to families in parts 1-20: Blumea 1: 147-150. 1934.

Lauterborn, Robert (1869-1952), German algologist and protozoologist. (*Lauterborn*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 351; BFM 600, 601; BM 3: 1068; CSP 16: 630-631; De Toni 4: xxvi; Kew 3: 378; Moebius p. 79; Nordstedt suppl. p. 9; Rehder 5: 493.
Anon., Allg. Forst. Jadgz. 124: 61-64. 1953 (n.v.).
Cupp, E. E., Mar. plankton diatoms W. coast N. Amer. 217. 1943.

EPONYMY: *Lauterborniella* W. Schmidle (1900).

4241. *Ueber Bau und Kerntheilung der Diatomeen.* (Vorläufige Mittheilung.) . . . Heidelberg (Carl Winter's Universitätsbuchhandlung) 1893. Oct. (*Bau Diatom.*).
Publ.: 21 Aug 1893 (t.p., see also p. 263; Bot. Zeit. 16 Oct 1893), p. [1]-26, *pl. 3*. *Copy*: NY. – Preprinted from Verh. naturhist.-med. Ver. Heidelberg 5: 179-202. 1897.

4242. *Untersuchung über Bau, Kernteilung und Bewegung der Diatomeen* von Robert Lauterborn . . . Leipzig (Verlag von Wilhelm Engelmann) 1896. Qu. (*Unters. Bau Diatom.*).
Publ.: Dec 1896 (Nat. Nov. Dec(2) 1896; Bot. Zeit. 16 Jan 1897), p. [i-v], [1]-165, *pl. 1-10*, with text (uncol. liths. author). *Copy*: B.

Lauterer, Joseph (1848-1911), German physician; surgeon in the Franco-Prussian war; botanist and phytochemist; originally at Freiburg i.B., from Mar 1885 in Australia at Brisbane. (*Lauterer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 351; BB p. 181; BM 3: 1068; CSP 16: 631; HR; Jackson p. 303; Langman p. 432.
Maiden, J. H., J. Proc. R. Soc. N. S. W. 55: 163-164. 1922.

4243. *Excursions-Flora für Freiburg* und seine Umgebung (von Lahr bis Efringen, vom Rhein bis St. Blasien, Neustadt und Triberg). Zum Bestimmen der Pflanzen angeordnet und mit einer Uebersicht der geologischen Verhältnisse versehen von Dr. Jos. Lauterer, . . . Freiburg im Breisgau (Herder'sche Verlagshandlung) 1874. Duod. (*Excurs.-Fl. Freiburg*).
Publ.: Aug-Dec 1874 (p. vi: Aug 1874), p. [i]-lxviii, [1]-224. *Copy*: B.

Lauth, Thomas (1758-1826), Alsatian botanist and physician; Dr. med. Strasbourg 1781; professor of anatomy at Strasbourg. (*Lauth*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 351; CSP 3: 888; Dawson p. 523; Dryander 3: 335; Frank 3(Anh.): 55; Hortus 3: 1198 ("Lauth"); PR 5092 (ed. 1: 5589-5590); Zander ed. 10, p. 683.
Z., Dict. sci. méd. 5: 545. 1822.

4244. Q. D. B. V. Dissertatio inauguralis botanica *de Acere* quam consensu medicorum ordinis pro licentia gradum, honores et privilegia medicinae doctoris in alma argentoratensium universitate obtinendi solenniter disquirendam proponit ad d. xxix augusti a.r.s. mdcclxxxi Thomàs Lauth argentinensis. h.l.q.c. Argentorati [Strasbourg] (excudebat Joh. Henricus Heitz, . . .) s.d. [1781]. Qu. (*de Acere*).
Publ.: 29 Aug 1781, p. [i], [1]-40. *Copies*: G, M, WU.

Lauvergne, Hubert (*fl.* 1829), French navy physician at Toulon; Dr. med. Montpellier 1829. (*Lauvergne*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: CSP 3: 889; PR 5093 (ed. 1: 5591).

4245. *Géographie botanique du port de Toulon* et des iles d'Hyères. Motifs qui nous font présager l'entière acclimatation des végétaux exotiques, utiles à l'industrie, à la pharmacie, à l'art naval. Tribut académique, présenté et publiquement soutenu à la faculté de médecine de Montpellier, le 17 juillet 1829; par Lauvergne (Hubert), ... pour obtenir le grade de docteur en médecine. Montpellier, (chez Jean Martel aîné, ...) 1829. Qu. (*Géogr. bot. Toulon*).
Publ.: 17 Jul 1829, p. [1]-41, [42, list faculty]. *Copy*: G.

Laval, Edouard (1871-x), French botanist. (*Laval*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: CSP 10: 527, 12: 432, 16: 632; LS suppl. 15582.

4246. *Les champignons d'après nature.* Moeurs, Descriptions. Usages par le docteur Ed. Laval ... préface de M. le professeur Mangin ... Paris (Librairie Ch. Delagrave ...) s.d. [1912]. Qu. (*Champignons*).
Preface: Louis Alexandre Mangin (1852-1937).
Publ.: Jan-Jul 1912 (p. 4: copyright 1912; Nat. Nov. Aug(1) 1912), p. [1]-103, *pl. 1-6* (col.), *1-40* (phot.). *Copies*: Stevenson, USDA.

Lavalle, Jean (1820-?), French botanist; professor of medical natural history at the medical college and director of the botanical garden of Dijon. (*Lavalle*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1068; CSP 8: 175; Jackson p. 88, 168; Kew 3: 378; LS 15008-15010; PR 5094; Rehder 5: 493; Tucker 1: 415.

COMPOSITE WORKS: Editor of *Revue horticole* (de Dijon).

4247. *Traité pratique de champignons comestibles* comprenant leur organisation, leurs caractères botaniques, leurs propriétés alimentaires, leur culture, la manière de les préparer, les moyens de les distinguer des espèces vénéneuses et les soins à donner aux personnes empoisonnées par ces dernières; par J. Lavalle, ... Paris (J.-B. Baillière, ...), Dijon (Lamarche et Drouelle ...) 1852. Oct. (*Traité champ. comest.*).
Publ.: 1852, p. [i-iii], [1]-146, [1, expl. pl.], *pl. 1-12* (2-12 col.). *Copies*: FH, NY, USDA.

4248. *Catalogue général des plantes cultivées au Jardin botanique de la ville de Dijon* ... Dijon (Presses mécaniques de Loireau-Feuchot ...) 1854. Qu. (*Cat. Jard. bot. Dijon*).
Publ.: 1854, p. [i-iv], chart, [1]-105. *Copy*: MO.

Lavallée, Pierre Alphonse Martin (1836-1884), French botanist and horticulturist at Segrez near Paris, "a gentleman of abundant means and of great public spirit". (*Lavall.*).

HERBARIUM and TYPES: still owned by himself when Alphonse de Candolle wrote his Phytographie (see p. 426). Given to P in 1896 according to Urban (Symb. ant. 1: 65. 1898).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 351; BM 3: 1068; Bossert p. 229; CSP 12: 432, 16: 633; Hortus 3: 1198 ("Lavall."); IH 2: 416; Jackson p. 422; Kew 3: 378-379; MW p. 261-262; NI 1148-1149; PR 5095; Rehder 5: 493; Zander ed. 10, p. 683.
Anon., Bot. Not. 1885: 64; Bull. Soc. bot. France 30: 238. 1883; Rev. de Bot. 3: 285. 1885.
A. G., Bot. Gaz. 9: 112. 1884.
E. Be., *in* Lavallée, Ic. sel. arb. frut. iii-iv, [124]. 1885 (bibl.).
Bescherelle, É., Bull. Soc. bot. France 31: 224-225. 1884.
C. S. S., Sciences 4: 10. 1884.

Guillaumin, A., Les fleurs des jardins xlv, *pl. 15*. 1929.
Wittrock, V. B., Acta Horti Berg. 3(2): 114. 1903, 3(3): 106. 1905.

EPONYMY: *Lavallea* Baillon (1862); *Lavalleopsis* Van Tieghem (1896).

4249. Arboretum segrezianum. *Enumération des arbres et arbrisseaux* cultivés à Segrez (Seine-et-Oise) comprenant leur synonymie et leur origine avec indication d'ouvrages dans lesquelles ils se trouvent figurés ... Paris (Librairie J.-B. Baillière et fils, ...), Londres (Baillière, Tindall and Cox), Madrid (C. Bailly-Baillière) 1877. Oct. (*Énum. arbres*).
Publ.: 1877, p. [i*-iii*], [i]-xlviii, [1]-319. *Copies*: NY, US, USDA; IDC 6007.

4250. Arboretum segrezianum *Icones selectae arborum et fruticum* in hortis segrezianis collectorum. Description et figures des espèces nouvelles, rares ou critiques de l'arboretum de Segrez ... Paris (Librairie de J.-B. Baillière et fils ...), Londres (Baillière, Tindall and Cox), Madrid (Carlos Bailly-Baillière) [1880-] 1885. Fol. (*Icon. sel. arb.*).
Publ.: 1880-1885, in six parts, p. [i]-iv, [1]-121, [1, ind., 2 bibl.], *pl. 1-36* (some details col.; artists B. Bergeron, A. Riocreux, C. E. Cuisin). *Copies*: B (orig. covers), BR, G (orig. covers), MO, NY (orig. covers), Teyler, USDA (orig. covers), IDC 6007. – The original covers have month dates, cited below. These dates are in general confirmed by the contemporary references (Nat. Nov., Bot. Zeit., Flora, BSbF) and must hence be accepted. The only discrepancy is between the indication Mai 1881 for part 3 and the receipt by Nat. Nov. of this part in Mai 1882.

part	pages	*plates*	dates on covers
1	[1]-19	*1-6*	Jul 1880
2	[21]-40	*7-12*	Nov 1880
3	[41]-64	*13-18*	Mai 1881
4	[65]-87	*19-24*	Feb 1882
5	[89]-107	*25-30*	Dec 1882
6	[i]-iv, [109]-121, [123-124]	*31-36*	Sep 1885

The AA copy has 28 unpublished plates (fide Tucker).

4251. *Les Clématites à grandes fleurs* Clematides megalanthes. Description et iconographie des espèces cultivées dans l'Arboretum de Segrez ... Paris (Librairie J.-B. Baillière et fils), Londres (Baillière, Tindall and Cox), Madrid (Carlos Bailly-Baillière) 1884. Qu. (*Clématites*).
Publ.: 3 Jan 1884 (BF; Nat. Nov. Feb(1) 1884; Bot. Zeit. 29 Feb 1884; J. Bot. Mai 1884; p. x: 10 Dec 1883), p. [i]-xii, [1]-83, [84], *pl. 1-22, 4bis, 7bis* (uncoloured, drawn by B. Bergeron and Riocreux). *Copies*: BR, G, MO, Teyler, US, USDA. – The signatures of the sheets are marked "*Clematides*".

Lavy, Jean (1775-1851), Piedmont physician and botanist at Torino. (*Lavy*).

HERBARIUM and TYPES: In part at TO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2:352; BM 3: 1069; Jackson p. 113, 320; Kew 3: 381; PR 5096-5099 (ed. 1: 5592-5595); Rehder 5: 494; Saccardo 2: 62.
Burnat, E., Bull. Soc. bot. France 30: cxxii. 1883.
Cavillier, F. G., Boissiera 5: 59. 1941.

4252. *Stationes plantarum pedemontio indigenarum* auctore Joanne Lavy philosophiae, ac medicinae doctore. Taurini [Torino] (apud civem Orgeas Jacobum Mariam ...) anno 9 Resp. [1801]. Oct. (*Stat. pl. pedem.*).
Publ.: 1801 (an ix: 23 Sep 1800-17 Sep 1801), p. [1]-103, [1-2, err.]. *Copy*: G.

4253. Johannis Lavy ... *Genera plantarum subalpinam regionem exornatium* earumque characteres naturales secundum numerum, figuram, situm, et proportionem omnium fructificationis partium. Taurini (Apud Jacobum Mariam Orgeas ...) Ann x. Reip. [1802]. Oct. (*Gen. pl. subalp. reg.*).

Publ.: Aug-Sep 1802 (p. vi: 30 Mess. an x = 19 Jul 1802; an x ended 17 Sep 1802), p. [i]-xxxv, 1-305, [306, err.]. *Copy*: B.

4254. *État général des végétaux originaires* ou moyen pour juger, même de son cabinet, de la salubrité de l'atmosphère, de la fertilité du sol et de la propriété des habitans dans toutes les localités de l'Univers . . . Paris (J.-B. Bailliére, . . .), Londres (même maison, . . .), Turin (Joseph Bocca . . .) 1830. Oct. (in fours). (*Etat général. vég. orig.*).
Publ.: 1830, p. [1]-408. *Copies*: G, USDA.

Lawrence, George Hill Mathewson (1910-1978), American botanist; Ph. D. Ithaca 1939; at the Bailey Hortorium and Cornell University 1937-1943, 1945-1960; director of the Hunt Botanical library from 1960; ultimately at East Greenwich, Rhode Island. (*G. Lawr.*).

HERBARIUM and TYPES: BH.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 297; Bossert p. 230; Hortus 3: 1198; IH 2: 417; Plesch p. 300; Roon p. 67.
Anon., Bull. Fairchild Trop. Gard. 27(4): 5. 1972 (portr.).
Stafleu, F. A., Taxon 8: 210. 1959.
Stearn, W. T., The Times, Monday June 26, 1978.

Lawson, Charles (1794-1873), Scottish botanist; son of the Edinburgh nurseryman Peter Lawson; succeeded his father 1821. (*C. Laws.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 238; Barnhart 2: 353; BB p. 182; BM 3: 1070; Bossert p. 230; Desmond p. 375; Hortus 3: 1198 ("Laws., C."); Jackson p. 133; Moebius p. 129; NI (alph.) 1588; PR 5103 (sub Peter L.); Rehder 5: 494; Tucker 1: 415.
Anon., The Garden, London, 11(suppl.): xv-xvi. 1877 (portr.).
James, The trees of Bicton 110. 1969.
Sargent, C. S., Silva North America 10: 120-121. 1896.
Woodward, A. S., Gard. Chron. 1904(2): 36-37. (list of parts of *Pinetum Britannicarum* with contents).

COMPOSITE WORKS: For "*Lawson's Pinetum*" see under E. J. Ravenscroft. The book was originally issued by Peter and Charles Lawson and printed at their private press. The plates issued with the first 23 fascicles bear the original designation. The text, however, was compiled by Ravenscroft, the botanical descriptions were contributed by John Lindley (pars 1-3), Andrew Murray (4-37) and Maxwell T. Masters (38-52) (see Gard. Chron. 1904(2): 36-37).

Lawson, George (1827-1895), Scottish botanist; originally at Edinburgh; moved to Canada 1858; professor of nat. hist. Queen's Univ., Kingston 1858-1863; professor of chemistry at Dalhousie College, Halifax, Nova Scotia, 1863-1895. (*G. Laws.*).

HERBARIUM and TYPES: Original herbarium at Mount Allison University, Sackville, New Brunswick, Canada, containing several, if not all of his types. Some further material at E and CAN.
Ref.: Weatherby, C. A., Fern J. 31(2): 59-62. 1941 (fern types).
Hedge, I. C. and J. M. Lamond, Ind. coll. Edinburgh 101-102. 1970.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 353; BB p. 182; BM 3: 1070; CSP 3: 895-896, 8: 177-178, 10: 532, 12: 433-434, 16: 641; Desmond p. 375; De Toni 1: lxxvii; Hortus 3: 1198 ("Laws., G."); IF suppl. 4: 329; Jackson p. 570; Kew 3: 385; Lenley p. 462; LS 15030; Nordstedt p. 21; PR 5101; Rehder 5: 494; Tucker 1: 415-416.
Anon., Bot. Gaz. 21(1): 42. 1896; Bot. Not. 1896: 44; Garden and Forest 406: 490. 1895; Ottawa Naturalist 7: 180-181. 1893; Canad. bot. Ass. Bull. 2(3): Jun 1969 (George Lawson medal in botany).
Britten, J., J. Bot. 34: 48. 1896.

Bourinot, Proc. Transc. R. Soc. Canada 12: 49-52. 1895 (main bibl.).
G. L. G., Amer. J. Sci. 4(1). 1896 (1 p.).
MacGregor, Proc. Trans. Nova Scotian Inst. Sci. 9: xxiii-xxx. 1898 (portr.).
Mackay, Proc. Trans. R. Soc. Canada ser. 2. 2: B1-6. 1896.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 164. 1963.
Stanley, G. F. G., Pioneers of Canadian Science p. 54-80 (portr.) (fide Desmond).

HANDWRITING: Proc. Trans. Nova Scotian Inst. Sci. 9: on portr. facing p. xx. 1898.

4255. *The royal water-lily* of South America, and the water-lilies of our own land: their history and cultivation . . . Edinburgh (James Hogg), London (R. Groombridge & Sons) 1851. (*Roy. water-lily*).
Publ.: 1851 (p. iv: Nov 1850), front., p. [i*, iii*], [i]-iv, [9]-108, *2 pl. Copy*: NY.

4256 *The fern flora of Canada.* Descriptions of all the native ferns of the dominion, with location where they grow . . . Halifax, N. S. (A. & W. Mackinlay, . . .) s.d. [1889]. Oct. (*Fern fl. Canada*).
Publ.: 1889 (copyright), p. [i], [221]-251, *1 pl. Copies*: MO, NY. – Reprinted, with original pagination but with separate t.p. from unidentified journal. – *Preliminary publ.*: Edinburgh new philos. J. ser. 2. 19: 102-116, 273-289. 1864.

Lawson, Marmaduke Alexander (1840-1896), British botanist, professor of botany at Oxford 1868-1882; director Botany Dept. Ootacamund (India) 1882; government botanist and director of Cinchona plantations, Nilgiris 1885. (*M. A. Laws.*).

HERBARIUM and TYPES: OXF; further material at A, BM, CAL, K, MH (Indian coll. orig.). Some correspondence at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 353; BB p. 182; BL 2: 232, 302, 679; BM 3: 1070; Bossert p. 230; Clokie p. 197; CSP 8: 178, 10: 532; Desmond p. 376; DTS 7: 178, 10: 532, 16: 640; Hortus 3: 1198 ("Laws., M."); IH 2: 418; Jackson p. 346, 367, 384; Kew 3: 385; Zander ed. 10, p. 683.
Anon., Bull. misc. Inf. Kew 1896: 185; Bot. Not. 1897: 47.
Druce, G. C., Fl. Berkshire clxxvii. 1897.

COMPOSITE WORKS: J. D. Hooker, Fl. Brit. India, Celastrineae, Rhamneae, Ampelidae, in 1(3): 606-668. Feb 1875 (TL-2/2981).

HANDWRITING: Clokie, H., Account herb. Oxford 280. 1964.

Laxman, Erich [Erik] (1737-1796), Finnish botanist and traveller, later at Kolywan, St. Petersburg and Nertschinsk. (*Laxm.*).

HERBARIUM and TYPES: Material from Siberia at H, LE, LINN, MW and SBT.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 274; Backer p. 318; Barnhart 2: 353; BM 3: 1070; Dryander 1: 118, 2: 82, 87, 150, 228, 3: 174, 271, 4: 70, 197, 271; Hortus 3: 1198 ("Laxm."); Kew 3: 386; Lasègue p. 412, 503; MW p. 262, suppl. p. 194; PR (alph.) (ed. 1: 5601); Saelan p. 254-255; SO 2504a; TL-2/1: 2090, see Bergius, P. L.; TR 743-746; Tucker 1: 416; Zander ed. 10, p. 683.
Hjelt, O. E. A., Naturhistoriens studium i Finland, Helsingfors 1878, p. 196-198 (bibl.; inf. I. Kukkonen).
Hulth, J. M., Bref och Skrifv. Linné 1(8): 178-196. 1922, 2(1): 261-266. 1916.
Fries, Th. M., Bref och Skrifv. Linné 1(2): 321. 1908, 1(5): 185. 1911, 1(6): 45, 64. 1912.
Kukkonen, I. & Viljamaa, K., Herb. Christ. Steven 65. 1971.
Laxmann, E., Sibirische Briefe, herausgeg. v. August Ludwig Schloezer. Gottingen u. Gotha 1769, 108 p.
Raskin, N. M. & Shafranovskij, I. I. Erik Gustavovits Laksman, Leningrad 1971, 276 p. (in Russian; inf. I. Kukkonen).
Urness, C., A naturalist in Russia 79. 1967.

EPONYMY: *Laxmannia* J. R. Forster & J. G. A. Forster (1776, *nom. rej.*); *Laxmannia* Schreber (1791, *nom. rej.*); *Laxmannia* R. Brown (1810, *nom. cons.*)

Layens, George de (1834-1897), French botanist. (*Layens*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 354; BL 2: 98, 109, 188, 680; BM 3: 1071; CSP 12: 434; Hortus 3: 1198 ("Layens"); Kew 3: 386; Plesch p. 300 (alph.); TL-2/1: 642-643, 1249.

COMPOSITE WORKS: With G. E. M. Bonnier (q.v.): *Tabl. syn. pl. vasc. France* (1894) and *Fl. port. France* 1909. (TL-2/642-643).

4257. *Nouvelle flore* pour la détermination facile des plantes sans mots techniques avec 2145 figures inédites représentant toutes les espèces vasculaires des environs de Paris, dans un rayon de 100 kilomètres des départements de l'Eure-et-Loir, etc. et des plantes communes dans l'intérieur de la France par Gaston Bonnier ... et Georges de Layens ... Paris (Libraire classique et administrative Paul Dupont, éditeur ... et chez Jacques Lechevallier ...) s.d. [1887]. 18-mo. (*Nouv. fl.*)
Co-author: Gaston Eugène Marie Bonnier (1851-1922).

Ed. 1: Mar 1887 (p. iv: 20 Mar 1887; Nat. Nov. Apr(1, 2) 1887, Jun(1) 1887), p. [i*-iv*], [i]-xxxiv, [1]-271. *Copy*: HH.
Ed. 1, variant 1: 1887 (?, t.p. undated; printer's mark 1885; BR rd. Mar 1887), title as above, imprint: Paris (Librairie F. Savy ...) s.d., p. [i*-iii*], [i]-xxxiv, [1]-271. *Copy*: BR.
Ed. 1, variant 2: 1887 (t.p.; BR rd. Mar 1887), "*Nouvelle flore pour la* détermination facile des plantes sans mots techniques par Gaston Bonnier ... et Georges de Layens ..." Paris (Librairie F. Savy ...) 1887, p. [i*-iii*], [i]-xxxiv, [1]-271 (with printer's mark 1885). *Copy*: BR.
Ed. 2: 1888 (p. iv: 30 Dec 1887), p. [i*-iv*], [i]-xxxiv, [1]-280. *Copy*: NY. – "Seconde édition, revue et augmentée." Paris (... Paul Dupont ...).
Ed. 3: 1891 (printer's code; Nat. Nov Sep(2) 1891), p. [i*-iv*], [i]-xxxiv, [1]-280. *Copy*: US. – "Troisième édition, revue et corrigée." Paris (id.) s.d.
Ed. 4: Apr 1893 (Nat. Nov. Mai(1) 1893), n.v., Paris (id.).
Ed. 5: 1894 (printer's code), p. [i*], [i]-xxxiv, [1]-280, [1, cont.]. *Copy*: HH. – Paris (Emile Deyrolle, naturaliste, ...) s.d.
Ed. 6: n.v.
Ed. 7: s.d., p. [i*-v*], [i]-xxxiv, [1]-309, map. *Copy*: USDA. – "Septième édition, revue et corrigée ..." Paris (Librairie générale de l'Enseignement ...) 16-mo.
Ed. 8: s.d. [1898?], p. [i*-iii*], [i]-xxxiv, [1]-309, [310, cont.]. *Copies*: NY, USDA. – "Huitième édition, revue et corrigée ..." 16-mo.
Ed. 8: as above, reprinted Apr 1950. *Copy*: BR.
Ed. 9: 1902 (printer's mark; copies may have covers printed at a later date), p. [i*-vi*], [i]-xxxvi, [1]-309. *Copy*: BR.
Ed. 9: 1902 (id.), [i*-vi*], map, [i]-xxxiv, [1]-309. – "Nouvelle flore de Belgique et du Nord de la France ... nouvelle édition ..." Bruxelles (Librairie classique J. Lebègue et Cie ...) s.d., 16-mo. *Copy*: BR.
Ed. 10: 1907, n.v.
Ed. 11: 1909, p. [i]-xxxiv, [1]-10, 10bis, 10ter, 11, 11bis, 11ter, 12-285, [286]. *Copy*: AMD. – "Onzième édition, revue et corrigée, augmentée de nouveaux tableaux ..." Paris (Libraire générale de l'Enseignement ...) s.d. [1909 in printer's mark].
Ed. 12: 1911, n.v.
Ed. 13: 1920, reprinted 1942, n.v.
Ed. 14: 1944, p. [i]-xxxiv, [1]-11, 11bis, 11ter, 12-285, [286, cont.]. *Copies*: G, HH. – Paris (Librairie générale de l'Enseignement ...) s.d.
Our information on the many editions and issues of the Nouvelle flore is incomplete. Complications not mentioned here are the existence of extra pages (10bis, 9ter, 11bis, 11ter), of copies with covers printed later than the text; of other issues with the inverted title "Flore de la Belgique et du Nord de la France" and of further unchanged reprints after 1909.

Lázaro é Ibiza, Blas (1858-1921, Spanish botanist, from 1882 at the Jardín botanico de Madrid. (*Lazaro*).

HERBARIUM and TYPES: MAF.
Ref.: Wright, J. E. and Calongo, F. D., Taxon 22: 267-270. 1973 (location of his Polyporaceae).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 354; BFM 1518; BL 2: 482, 680; BM 3: 1071; Bossert p. 230; Colmeiro 1: clxxxv; CSP 10: 533, 16: 642-643; De Toni 4: xxxvi; GR p. 762; IH 1 (ed. 6): 361, 2: 762; Kew 3: 386-387; Langman p. 432; LS 15037-15039, suppl. 15604-15609; Rehder 5: 494; SO add. 2908a; Stevenson p. 1248; Tucker 1: 416.
Anon., La Farmacia, Buenos Aires, 16(183): [1]-3. 1921 (portr.).
Cortes Latorre, Anal. Inst. bot. Cavanilles 18: 37-52. 1960.
Muñoz Medina, D. J., Historia dessarr. bot. España 31-32. 1969.
Willkomm, M., Grundz. Pflanzenverbr. Iber. Halbinsel 19, 25. 1896 (Veg. Erde 1).

4258. Botánica descriptiva. *Compendio de la flora Española* y estudio especial de las plantas criptógamas y fanerógamas, indígenas y exóticas que tienen aplicación à la medicina agricultura, industria y horticultura ... Madrid (Librería de la viuda de Hernando y Compania ...) 1896. Oct. (*Comp. fl. Españ.*)

Ed. 1: 1896 (p. ix: 1 Sep 1896; Nat. Nov. Mai(1) 1897). *Copy*: U. – *1*: [i]-xii, [13]-736; *2*: [1]-1038.
Ed. 2: 1906-1907. *Copies*: G, USDA. – *1*: 1906 (p. 7: 1 Mai 1906), p. [1]-828; *2*: 1907, p. [1]-820. – "Segunda edicíon aumentada y corregida." Madrid (Librería de los sucesores de Hernando ...) 1906. Oct.
Ed. 3: 1920-1921. *Copies*: BR, NY. – *1*: 1920 (p. 5: 1 Feb 1920), p. [1]-576; *2*: 1920, p. [1]-496; *3*: 1921, p. [1]-510, 1 map. – "Tercera edicíon corregida y aumentada." Madrid (Imprenta clásica española ...) 1920. Oct. – Describes 9.014 species.

4259. Manuales-Soler xli *Plantas medicinales* ... Barcelona, Buenos Aires (Sucesores de Manuel Soler-Editores) s.d. [1904]. Oct. (*Pl. med.*).
Publ.: 1904 (Nat. Nov. Jul(1) 1904), p. [1]-326. *Copy*: USDA. – This may well be a later issue. The original edition seems to have appeared 1896/7 but we have not been able to obtain confirmation of this anonymous report.

Lea, Thomas Gibson (1785-1844), American botanist at Cincinnati, Ohio (*Lea*).

HERBARIUM and TYPES: PH; other material at BM, DWC, FH, K. Lea sent an important set to Hooker at Kew for naming.
Ref.: Gordon, R., Bartonia 22: 8. 1943.
Sayre, G., Mem. New York Bot. Gard. 19(3): 356. 1975.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 456; Barnhart 2: 354; BM 3: 1071; CSP 3: 902, 12: 434; GR cat p. 67; Jackson p. 363; Kew 3: 387; LS 15043-15046; ME 3: 455; NAF 9: 441; PR 5104; Rehder 5: 494; Stevenson p. 1248; TL-2/1: see Berkeley, M. J.; Tucker 1: 416.
Ewan, J. et al., Short hist. bot. U.S. 92. 1969.
Graustein, J. E., Thomas Nutall 470 [index]. 1967.
Harshberger, J. W., Bot. Philadelphia 448. 1899.
Hooker, W. J., J. Bot. 3: 89-90. 1841.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 139, 602. 1963.
Rodgers, A. D., William Starling Sullivant 350 [index]. 1940.

EPONYMY: *Berkleasmium* Zobel (1854, also dedicated to Miles Joseph Berkeley (1803-1889) (q.v.); *Leaia* Banker 1906. *Note*: *Leachia* Cassini (1822) is dedicated to William Elford Leach (1790-1836), English zoologist, author of articles about Crustaceae in Cuvier's *Dictionnaire des Sciences naturelles* (TL-2/1293). *Leaoa* Schlechter & C. Porto (1922) is dedicated to A. Pacheco Leão, Brazilian botanist, successor (1909) of J. Barbosa Rodrigues (q.v.) as director of the Jardim Botanico do Rio de Janeiro. Leão is also commemorated in *Leocereus* [sic] N. L. Britton & J. N. Rose (1920).

4260. *Catalogue of plants*, native and naturalized, collected in the vicinity *of Cincinnati*, Ohio, during the years 1834-1844 . . . Philadelphia (printed by T. K. & P. G. Collins.) 1849. Qu. (*Cat. pl. Cincinnati*).
Publ.: Jul-Aug 1849 (p. [i]: Feb 1849; Amer. J. Sci. Sep 1849), p. [i*-iii*], [i]-iv, [5]-77. *Copies*: MICH, MO, NY, USDA. – Published by W. S. Sullivant after the author's death, the fungi were treated by M. J. Berkeley, the lichens by E. Tuckerman.
Reprint: J. Cincinnati Soc. nat. Hist. 5(4), 1882 (see TBC 10: 11. Jan 1883, Bot. Gaz. 8: 164. Jan 1883.)
Ref.: Hooker, W. J., J. Bot. Kew Gard. Misc. 1: 351-352. 1849.
Gray, A., Amer. J. Sci. 58: 302-303. 1849.
Kellerman, W. A., *in* Geol. Ohio, Plants 57, 60. 1895.
Rodgers, D. P., Brief hist. mycol. N. Amer. 11. 1977.

Leandri, Jacques Désiré (1903-x), Corsica-born French botanist at the Muséum d'histoire naturelle, Paris. (*Leandri*).

HERBARIUM and TYPES: P, PC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 254; Bossert p. 230; Hortus 3: 1198 ("Leandri"); IH 2: 419; Kew 3: 388-389; Langman p. 433; MW suppl. p. 195; PFC 3(2): xiv; Roon p. 67; Zander ed. 10, p. 683.
Anon., Taxon 1: 135. 1952 (to Madagascar).
Gagnepain, F., *in* H., Lecomte, Fl. Indochine, tome prél. 44, *pl. 12*. 1944 (portr.).

COMPOSITE WORKS: (1) Lecomte, *Fl. gén. Indochine*, *Ceratophyllaceae*, 5(10): 1052-1053. Apr 1931. *Gnetaceae* 5(10): 1054-1062. Apr 1931; *Cycadaceae* 5(10): 1085-1092. Apr 1931.
(2) several contributions to Humbert, *Fl. Madagascar*, e.g. *Urticacées*, 107 p., 1965, Thyméléacées, 39 p., 1950 and Euphorbiacées 1, 209 p., 1958.

EPONYMY: *Dendroleandria* Arènes (1956); *Leandriella* Benoist (1939).

Leandro do Sacramento (1778-1829), Brazilian botanist; calced Carmelite (White Friar); director of the Rio de Janeiro botanical garden; Dr. phil. Coimbra 1806. (*Leandro*).

HERBARIUM and TYPES: Some material at P and M.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 318-319; Barnhart 2: 354; CSP 3: 903; IH 2: 419; Kew 3: 389; Lasègue p. 315, 482, 505; PR 5105.
Colmeiro, M., Bot. penins. hisp. lus. 202. 1858.
Saldanha da Gama, J. de, Biographia e apreciaçao dos trabalhos do botanico brasileiro Frei Leandro do Sacramento. Rio de Janeiro 1970, 56 p.; Rev. trim. Inst. hist. geogr. ethnogr. Brasil. 32(2): 181-230. 1969 (extensive study).
Triani & Paiva Campos, Leandra 2(2): 5-9. 1972 (photogr. of bust; give 1778 as year of birth).
Urban, I., Fl. bras. 1(1): 40-41. 1906.

EPONYMY: (genera): *Leandra* Raddi (1825); *Leandria* [sic] E. Rangel (1915); (journal): *Leandra*. Rio de Janeiro. Vol. l-x. 1971-x.

4261. *Nova plantarum genera e Brasilia*. Descripta a P. Leandro de Sacramento . . . [München 1820]. Qu. (*Nov. pl. gen. Brasilia*).
Publ.: Denkschr. k. Baier. Akad. Wiss. 7: [229]-244, *pl. 12-15* with text. *Copies* of reprint with orig. pagination: M, NY.

Leavenworth, Melines Conklin (1796-1862), United States explorer; studied medicine at Yale (grad. 1817); practiced at Cahawba (Alabama) and Augusta (Georgia); subsequently army surgeon and explorer until 1842; physician at Waterbury (Conn.) 1842-1861; ultimately again army surgeon; sent plants to Torrey. (*Leavenw.*).

HERBARIUM and TYPES: Material at BKL, GH, NY, PH, Y.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 355; CSP 3: 904; Hortus 3: 1198 ("Leavenw."); IH 2: 420; Lenley p. 462; ME 2: 294, 298, 311, 337, 3: 407; Pennell p. 612; PE (alph.); Tucker 1: 416.
Anon., Bull. Soc. bot. France 10: 354. 1863; Flora 46: 334. 1863.
Geiser, S. W., Natural. Frontier 181, 277. 1948.
Gray, A., Amer. J. Sci. ser. 2. 35: 451. 1863.
Kelly, H. A. & W. L. Burrage, Amer. med. biogr. 685-686. 1920.
Leavenworth, M. C., Amer. J. Sci. 49: 129-131. 1845 (letter to editor).
McVaugh, R., Field & Laboratory 15(2): 57-70. 1947.
Rockwell, Med. Comm., Proc. Conn. med. Soc. ser. 2. 2(3): 269-272. 1866.
Rodgers, A. D., John Torrey 344 [index]. 1942.

COMPOSITE WORKS: Eli Ives, William Tully and Melines C. Leavenworth, *Catalogue of the phaenogamous plants, and of the ferns, . . . within five miles of Yale College*, Connecticut, New Haven 1831, p. 1-38, reprinted from Ebenezer Baldwin, Annals of Yale College 1831: 264-302. (See McVaugh 1947 and C. B. Graves et al., *Catal. fl. pl. ferns Connecticut* 1910, p. 11; ME 3: 4071.

EPONYMY: *Laevenworthia* J. Torrey (1837).

Lebel, Jacques Eugène (1801-1878), French physician and botanist at Valognes, Manche. (*Lebel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 7: 62; Barnhart 2: 355; CSP 3: 904-905; Jackson p. 126; PR (alph.); Tucker 1: 416.
Anon., Bot. Not. 1879: 31; Bull. Soc. bot. France 25: 143. 1878; Rev. bryol. 6(1): 1879; J. Bot. 17: 64. 1879.
Wittrock, V. B., Acta Horti Berg. 3(3): 106, *pl. 139*. 1905.

NOTE: Lebel published: *Callitriche*, Esquisse monographique, Mém. Soc. imp. Sci. nat. Cherbourg 9: [129]-176. 1863. No reprints with independent pagination have come to our notice. (rev. I., Bot. Zeit. 21: 419-420. 25 Dec 1863).

4262. *Recherches* et observations *sur quelques plantes* nouvelles, rares ou peu connues *de la presqu'ile de la Manche*. Valognes (Imprimerie de Carette-Bondessein, . . .) 1848. Oct. (in fours). (*Rech. pl. Manche*).
Publ.: 1848, p. [1]-20. *Copy*: NY.

Lebert, Hermann (1813-1878), German botanist and naturalist; Dr. med. Zürich 1834; active in Lavey, Paris, Zürich (1855), Breslau (1859), Vevey (1875). (*Lebert*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1072-1073; CSP 3: 905-906, 8: 181, 10: 536-537, 12: 434; Frank 3(Anh.): 56; Kew 3: 389-390; LS 15054-15060; PR 5108 (ed. 1: 5608); Rehder 5: 495; Stevenson p. 1248; Tucker 1: 416.
Anon., Jahresbr. naturf. Ges. Graubünden ser. 2. 22: xxvi-xxvii. 1879.
Kanitz, A. Magy. növén. Lap. 2(19): 141. 1878.

4263. *De Gentianis* in Helvetia sponte nascentibus. Dissertatio inauguralis quam consensu et auctoritate gratiosi medicorum ordinis in alma Universitate litteraria Turicensi ut summi in medicina et chirurgia honores rite sibi concedantur die xxii martis ann. mdcccxxxxiv publice defensurus est auctor Hermann Lebert berolinensis. Turici [Torino] (typis Schultessianis) s.d. [1834]. Oct. (*Gentian.*)
Publ.: 22 Mar 1834, p. [i*, iii*], [i]-ii, [1]-49, [50, theses]. *Copy*: G.

Lebour, George Alexander Louis (1847-1918), French-born British geologist; in Geological Survey 1867-1873; later lecturer (1873-1879) and professor of geology (1879-1918) at Durham University. (*G. Lebour*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 356; BM 3: 1073; CSP 8: 182-183, 10: 539; Desmond p. 377; Jackson p. 175; Kew 3: 390; NI 1154; Quenstedt p. 254.
J. A. S., Nature 100: 469, 487. 1918; Geol. Magaz. ser. 6.5: 287-288. 1918.
P. L., Quart. J. Geol. Soc. 74(1): lvi-lvii. 1919.

NOTE: For the three editions of L.'s *Outlines of the geology of Northumberland* (1878, 1886, 1889), see BM 3: 1073. The book is sometimes quoted as *Handbook to the geology* and natural history of Northumberland and Durham, a title which can only apply to ed. 3 which carries the title *Visit of the British Association to Newcastle-upon-Tyne*, 1889, *Official and local guide, geology and natural history*.

4264. *Illustrations of fossil plants* being an autotype reproduction of selected drawings. Prepared under the supervision of the late Dr. Lindley and Mr. W. Hutton, between the years 1835 and 1840, and now for the first time published by the North of England Institute of mining and mechanical engineers. Edited by G. A. Lebour, . . . Newcastle upon Tyne: (published for the Institute by A. Reid, . . .) London: (Longmans and Company). 1887. Qu. (*Ill. foss. pl.*).
Publ.: Dec 1877 (p. iv: Dec 1877; J. Bot. Apr 1878 p. [i]-vi, [1, cont., 2, err.], *pl. 1* (portr. Hutton), [1]-139, *pl. 2-64*. *Copy*: USGS. – The drawings were made from the Hutton collection of fossils, at the North of England Institute of mining and mechanical engineers; this collection was deposited at what is now the Hancock Museum, HAMU, at Newcastle. See next entry.

4265. *Catalogue of the Hutton collection of fossil plants*, including a synoptical list of the chief carboniferous species not in the collection. Drawn up by order of the Council of the England Institute of mining and mechanical Engineers . . . Newcastle-upon-Tyne: (published for the Institute by Andrew Reid, . . .) London (Longmans and Company) 1878. Qu. (*Cat. Hutton coll.*).
Collector: William Hutton (1797-1860).
Publ.: 1878, portr. Hutton, p. [i]-xii, [1]-132. *Copy*: USGS. – For further locations of Hutton collections see C. D. Sherborn, where is the . . . collection 73. 1940.

Lebour, Marie Victoria (*fl.* 1925), British naturalist, for some time at the laboratory of the Marine Biological Association of the United Kingdom, Plymouth. (*M. Lebour*).

COLLECTIONS: PLY (?).

BIBLIOGRAPHY and BIOGRAPHY: Cupp, E. E., Mar. plankton diat. W. coast N. Amer. 217. 1943.
Hirsch, G. C., Index biol. p. 170. 1928.

4266. *The dinoflagellates of northern seas* . . . Plymouth (published by the Marine Biological Association of the United Kingdom . . .) 1925. Oct. (*Dinoflag. n. seas*).
Publ.: 1925, p. [i]-v, [1]-250, *pl. 1-35*. *Copy*: B.

4267. *The planktonic diatoms of northern seas* . . . London (printed for the Ray Society sold by Dulau & Co., Ltd. . . .) 1930. Oct. (*Plankt. diatoms n. seas*).
Publ.: Mar 1930 (J. Bot. Jul. 1930; Nat-Nov. Apr 1930), p. [i]-ix, [1, list], [1]-244, *pl. 1-4* with text. *Copies*: U, US.
Ref.: Ostenfeld, J. Bot. 68: 221-222. 1930.

Lebreton, F. (*fl.* 1787), French botanist. (*Lebreton*).

HERBARIUM and TYPES: Some material in P-JU.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1073; Dawson p. 525, 942; Dryander 2: 518, 3: 24, 564, 590, 5: 319; HU 684; IH 2: 421; Kew 3: 390; Plesch p. 301; PR 5115 (ed. 1: 5616-5617); Rehder 5: 495; SO 720; Tucker 1: 417.

EPONYMY: *Lebretonia* F. von Paula von Schrank (1822) is dedicated to Rev. C. Breton (or le Breton) (*fl.* 1732-1733), French missionary, who studied the flora of tropical South America.

4268. *Manuel de botanique*, à l'usage des amateurs et des voyageurs; contenant les principes de botanique, l' explication du systême de Linné, un catalogue des différens végétaux étrangers, les moyens de transporter les arbres & les semences, la manière de former un herbier, &c. Avec huit planches . . . À Paris (Chez Prault, . . .) 1787. Qu. (*Man. bot.*).
Publ.: Jun-Dec 1787 (approbation 15 Jun 1787), p. [i]-xxiv, [1]-388, [1-2, approb.], [1, err.], *pl. 1-8. Copy*: MO. – Tucker mentions a re-issue "Paris [1796]" (n.v.).

Lebrun, Jean (1906-x), Belgian botanist. (*Lebrun*).

HERBARIUM and TYPES: BR; for duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 356; BFM 1684; BL 1: 25, 305, 2: 32, 680; IH 2: 421; Kew 3: 391.

EPONYMY: *Lebrunia* Staner (1934); *Lebruniodendron* Léonard (1951).

4269. *Recherches morphologiques et systématiques sur les Caféiers du Congo* . . . Bruxelles (Libraire Falk fils, . . .), Brussel (Boekhandel Falk zoon, . . .) 1941. (*Rech. Caféiers Congo*).
Publ.: 1941 p. [1]-183, [184], *pl. 1-19* with text. *Copies*: BR, E. Robbrecht. – Mém. Inst. R. Colonial Belge, sect. Sci. nat. 11(3): 1941; also published (with different cover) as Publications de l'INEAC, hors série, 1941. – Text apparently written circa 1936 ("mémoire couronné au concours annuel de 1937").

Lechler, Wilibald (1814-1856), German pharmacist, botanist and explorer; studied pharmacy at Reutlingen; pharmaceutical assistant at Augsburg, Genève, Vevey, Basel (1831-1836); pharmacist at Stuttgart (1839-1849); to Chile 1850-1855; Dr. sc. nat. Tübingen 1856; died at sea near Ecuador on his return to Peru where he had accepted a position as physician at Arequiba. (*Lechl.*).

HERBARIUM and TYPES: MB. – Further material at E, G, GFW, H, LE, LZ (destroyed), P, TCD, TUB, W, Z. *Exsiccatae:* (1) *Plantae chilenses* (col. 1850-1853), sets see IH.
(2) *Plantae insularum maclovianarum* 1853, ed. R. F. Hohenacker, plants from the Falkland Islands (Iles Malouines, after the French town St. Malo, classical name Maclovium), sets see IH.
(3) *Plantae magellanicae* (col. 1850-1853), sets see IH.
(4) *Plantae peruvianae*, ed. R. F. Hohenacker (col. 1850-1853), sets see IH.
Ref.: Schlechtendal, D. F. L. v., Bot. Zeit. 16: 19. 1858, Bull. Soc. bot. France 4: 848. 1858.
Candolle, A. de, Phytographie 426. 1880.
Sayre, Mem. New York Bot. Gard. 19(1): 32-33. 1969, 19(3): 356-357. 1975.
Ludwig, Hess. florist. Briefe 16: 13-16. 1967 (herb. at MB via Wigand).
Künkele, S. und Seybold, S., Jahresh. Ges. Naturk. Württemberg 125: 153. 1970.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(2): 633; Barnhart 2: 357; BM 3: 1074; CSP 3: 913; GR p. 104; Hortus 3: 1198 ("Lechl."); IH 2: 421; Kew 3: 392; PR 5117-5118 (ed. 1: 5620); Rehder 5: 496; TL-2/1: 2178; Tucker 1: 417; Urban-Berl. p. 288, 305, 320, 368.
Anon., Bot. Not. 1858: 14; Bot. Zeit. 14: 743-744. 1856, 15: 856. 1857, 16: 19, 62-64. 1858; Flora 39: 624. 1856, 40: 736 ("732"). 1857.
Baur, Jahrb. Gesch. oberdeut. Reichsst. 16: 264. 1970 (Lechler married Steudel's second daughter, Sophie).
Herrera, F. L., Est. Fl. dept. Cuzco 9. 1930.
Krauss, Jahresh. Ver. vaterl. Naturk. Württemberg 14: 31-36. 1858.
Lehmann, E., Schwäbische Apotheker 42-43, 91, 95, 96 (portr.), 97, 98, 110-113, 199. 1951.
Metzger, Jahresber. Württ. Ver. Handelsgeogr. 7/8: 135-136. 1890 (refers also to a description of his travels in the journal Ausland 1856, 1857, not seen by us).
Reiche, K., Grundz. Pflanzenverbr. Chile 17. 1907 (Veg. Erde vol. 8).
Schlechtendal, D. F. L. von, Bot. Zeit. 16(2): 19. 1858 (on Lechler's herbarium).
Turrill, W. B., Bull. misc. Inf. Kew 1920: 61.

Weberbauer, A., Pflanzenwelt peruan. Anden 15. 1911 (Veg. Erde 12).
Z., Schwäbische Kronik, no. 8, Samstag 10 Jan 1857, Blatt 1 (copy provided by S. Seybold).

EPONYMY: *Lechleria* R. A. Philippi (1858); *Relchela* Steudel (1854, anagram of *Lechlera* Miquel ex Steudel (1854), an invalidly published name).

4270. *Supplement zur Flora von Württemberg* . . . Stuttgart 1844 (E. Schweizerbart'sche Verlagshandlung) 1844. Oct. (*Suppl. Fl. Württemberg*).
Publ.: Jan-Mai 1844 (rd. Regensburg Jun 1844), p. [1]-72. *Copy*: NY. Supplement to Schübler und Martens, *Flora von Württemberg*.
Ref.: H. M., Bot. Zeit. 2: 729. 18 Oct 1844.

4271. *Berberides Americae australis* . . . Accedit enumeratio plantarum, quas in America australi auctor detexit. Stuttgartiae (Sumptibus librariae E. Schweizerbart) 1857. Oct. (*Berberid. Amer. austral.*).
Publ.: 1857, sero (p. [3]: Dec 1856), p. [1]-59. *Copies*: MO, US. – Published by G. Zeller, the "Finanzrath" who wound up Lechler's estate. – Contains a note on the narcotic qualities of *Berberis buxifolia*, a 19th century S. American equivalent of the late 20th century *Cannabis*.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 16: 72. 26 Feb 1858.
Anon., Flora 41: 64. 28 Jan 1858; Bull. Soc. bot. France 4: 829-831. 1858.

Leclercq, Suzanne Céline Marie (1901-x), Belgian palaeobotanist, specialized in palaeozoic botany and palynology. (*Leclercq*).

HERBARIUM and TYPES: Palaeobotanical collections of the Université de Liège.

BIBLIOGRAPHY and BIOGRAPHY: Roon p. 67.
Banks, H. P., Rev. Palaeobot. Palyn. 14(1-2): v, 1-5. 1972 (portr., bibl.).

FESTSCHRIFT: Streel, M. et al., *Advances in paleozoic botany*. A volume of selected works presented to Prof. Dr. Suzanne Leclercq. Amsterdam, London, New York 1972, 220 p. (Rev. Palaeobot. Palyn. 14(1/2)) (portr., bibl.).

EPONYMY: *Leclercqia* H. P. Banks, P. M. Bonamo & J. D. Grierson (1972).

Le Cointe, Paul (1870-?), French-Brazilian botanist; director of the Museu commercial do Pará (*Le Cointe*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 357; BL 1: 241, 305; Kew 3: 393; Tucker 1: 417.

EPONYMY: *Lecointea* A. Ducke (1922).

4272. *L'Amazonie brésilienne* le pays – ses habitants – ses ressources/notes et statistiques jusqu'en 1920 . . . Paris (Augustin Challamel, . . .) 1922. Oct. (*Amaz. brés.*)
1: 1922, p. [i-iv], [1]-528; *2*: 1922, p. [i-iv], [1]-495, 1 map. *Copy*: USDA.

4273. *A Amazônia brasileira* III. Árvores e plantas úteis (indigenas e acclimadas) nomes vernaculos e nomes vulgares classificação botanica habitat principaes applições e propriedades. Belem-Parã (Livraria classica) 1934. (*Amaz. bras.*)

Ed. 1: 1934, p. [i]-viii, [1]-486, *13 pl. Copy*: USDA. – W. A. Archer provided a 150 p. typewritten index to ed. 1 in 1945.
Ed. 2: 1947, p. [1]-506, *7 pl. Copy*: NY. – "2.a ediçao ilustrada" São Paulo, Rio de Janeiro . . . (Companhia editora nacional) 1947. Oct., as Brasiliana, ser. 5, vol. 251.

Lecomte, (Paul) Henri (1856-1934), French botanist; Lic. sc. nat. Nancy 1881, id. phys. 1883, Dr. sci. nat. Paris 1889; from 1884-1906 teacher at the Lycées Saint-Louis and Henri

IV; from 1906 director of the Laboratoire de Phanérogamie of the Museum d'Histoire naturelle; played an active rôle in the founding of the new Paris herbarium by means of Rockefeller money. (*Lecomte*).

HERBARIUM and TYPES: P.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 319; Barnhart 2: 358; BJI 2: 103; BL 1: 98, 305; BM 3: 1075; CSP 16: 663; Hirsch p. 171; IF suppl. 4: 329; IH 2: 422; Kew 3: 392-393; Langman p. 433; LS 15079, suppl. 15674; MW p. 263, suppl. p. 195; NW p. 51; Plesch p. 303; Rehder 5: 496; SK 1: 317, 8: lx; TL-2/1: see Finet, E. A.; Tucker 1: 417, 777; Zander ed. 10. p. 683.
Chevalier, A., Rev. bot. appl. trop. 14: 1070-1076. 1934.
Gagnepain, F. *in* Lecomte, Fl. gen. Indoch., tom. prél. 44, *pl. 12*. 1944 (portr.).
Guillaumin, Bull. Soc. dendrol. France 1934: 201-205. (portr.).
Harshberger, J. W., Bot. Philadelphia 149. 1899.
Humbert, J. H., Bull. Mus. natl. Hist. nat. ser. 2. 6: 466-467. 1934.
Hutchinson, J., Proc. Linn. Soc. 147: 180-184. 1935.
Huxley, T., Life letters J. D. Hooker 2: 378, 401. 1918.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 187. 1947.
Verdoorn, F., Chron. bot. 1: 125. 1935 (portr.).

COMPOSITE WORKS: Founder and editor of *Notulae systematicae* (Paris) 1909-1934.

EPONYMY: *Lecomtea* Koidzumi (1929); *Lecomtedoxa* (Pierre ex Engler) Dubard (1914); *Lecomtella* A. Camus (1925).

4274. *Le cotton* monographie culture – histoire économique . . . Paris (Georges Carré et C. Naud, . . .) 1900. Oct. (*Cotton*).
Publ.: Jan-Mai 1900 (p. viii: 5 Oct 1899; Bot. Zeit. 16 Jul 1900; Nat. Nov. Jun(2) 1900), p. [i]-viii, [1]-494, *fig. 1-37*, *Copy*: L.

4275. *Flore générale de l'Indo-Chine* publiée sous la direction de M. H. Lecomte [1933: M. H. Lecomte et H. Humbert, Nov 1934: de H. Humbert] . . . rédacteur [principal]: F. Gagnepain . . . Paris (Masson et Cie., éditeurs . . . [later]: Muséum national d'histoire naturelle Phanérogamie . . .) 1907-1950, 7 vols. and suppl. Oct. (*Fl. Indo-Chine*).
Main editor: François Gagnepain (1866-1952).
Tome préliminaire: Jun 1944, p. [1]-155, [156, ind.], 3 maps, *pl. 1-13*. [t.p. dated 1943, cover Jun 1944].
1: 1907-1912, [i-iv], [1]-1070, *pl. 1-26*.
2: 1908-1923, [i-iv], [1]-1212, [1, err.], *pl. 1-5*.
3: 1922-1933, [i-iii], [1]-1279.
4: 1912-1936, [i-iii], [1]-1091, *pl. 1-3*.
5: 1910-1931, [i-iii], [1]-1106, *pl. 1-9*.
6: 1908-1942, [i-iii], [1]-1244, *pl. 1-3*.
7: 1912-1923, [i-iii], [1]-650, *pl. 1*; part 2: [1]-544 (1939-1941).
Supplément, tome premier: 1939-1950, p. [1]-1027.
Copies: MO, U, US, USDA.
Continuation: Tardieu-Blot et al., (Aubréville dir.), *Flore du Cambodge, du Laos, et du Vietnam* (Supplément à la Flore générale de l'Indochine de H. Lecomte), fasc. i-x, 1960-x (fasc. 15: 1975); later parts edited by A. Aubréville and Jean F. Leroy.

4276. Gouvernment général de l'Indochine. *Atlas des bois de l'Indochine*. Paris (Agence économique de l'Indochine) [1919]. Qu. (*Atlas bois Indochine*).
Publ.: 1919, p. [i*], [i]-xvi, [1]-254, *pl. 1-125* (photogr.). *Copy*: USDA.

Léconte, Major **John [Eatton]** (1784-1860), American topographical engineer, soldier, botanical and entomological collector, author and artist. (*Leconte*).

HERBARIUM and TYPES: PH. – Leconte's water-colors of plants were acquired by E. L. Greene in 1897; they are now at NDG. (*continued on p. 804*)

Flore générale de l'Indo-Chine

volume	fascicle	pagination	*figs./pls.*	date	author(s)	taxon
Prelim.		[1-4], 3 maps, [5]6-155(156)	*pl. 1-13* (photographs of many of the collaborators)	Jun 1944	Gagnepain, F.	Introduction, keys to families, biographical notes on collaborators etc.
1	1	[1]-11	*1-3*	Jun 1907	Finet, A. E. & F. Gagnepain	Ranunculaceae
		12-28	*4-5, pls. I-II*	Jun 1907	Finet, A. E. & F. Gagnepain	Dilleniaceae
		29-42	*6-8, pl. III*	Jun 1907	Finet, A. E. & F. Gagnepain	Magnoliaceae
		42-112	*9-13, pl. IV-XIV*	Jun 1907	Finet, A. E. & F. Gagnepain	Anonaceae
	2	113-123		Oct 1908	Finet, A. E. & F. Gagnepain	Anonaceae
		124-154	*14-15*	Oct 1908	Gagnepain, F.	Menispermaceae
		155-157	*16*	Oct 1908	Gagnepain, F.	Lardizabalaceae
		157-158		Oct 1908	Gagnepain, F.	Berberidaceae
		158-163	*pl. 15A*			Nymphaeaceae
		163-164				Fumariaceae
		164-171	*17*			Cruciferae
		171-206	*18, pl. 15B-C, 16*			Capparidaceae
		206-208			Boissieu, H. de	Violaceae
	3	209-218	*19-20*	Mai 1909	Boissieu, H. de	Violaceae
		218-237	*21-23, pl. XVII*		Gagnepain, F.	Bixaceae
		237-242	*pl. XVIII-A*			Pittosporaceae
		242-247	*pl. XVIII-B*			Xanthophyllaceae
		247-262	*24-25*			Polygalaceae
		262-273	*26, pl. XIX-A/B*			Caryophyllaceae
		273-277	*pl. XIX-C*			Portulacaceae
		277-280	*27*		Dode, L. A.	Tamaricaceae
		280-284	*28*		Gagnepain, F.	Elatinaceae
		284-288				Hypericaceae

volume	fascicle	pagination	*figs./pls.*	date	author(s)	taxon
I	4	289-291		Mar 1910	Gagnepain, F.	Hypericaceae
		292-330	*29-31*		Pitard, C. J.	Guttifereae
		330-352	*32-33*			Ternstroemiaceae
		353-393	*34-38*		Guerin, P.	Dipterocarpaceae
		393-397	*39*	Mar 1910	Gagnepain, F.	Ancistrocladaceae
		397-448	*40-42, pl. XX & XXI-A*			Malvaceae
	5	449-454	*43-44*	Apr 1911	Gagnepain, F.	Malvaceae
		454-522	*45-50*, XXI-B, XXII			Sterculiaceae
		523-576	*51-60*			Tiliaceae
	6	577-582	*pl. XXIII*	Mar 1911	Gagnepain, F.	Tiliaceae
		582-588	*61-62*		Guillaumin, A.	Linaceae
		588-592	*63*			Erythroxylaceae
		592-604	*64*		Dop, P.	Malpighiaceae
		604-611	*65*		Guillaumin, A.	Oxalidaceae
		611-629	*66*		Hooker, J. D.	Balsaminaceae
		629-687	*67-72, pl. XXIV*		Guillaumin, A.	Rutaceae
		688			Lecomte, H.	Simaroubaceae
	7	689-699	*73*	Aug 1911	Lecomte, H.	Simaroubaceae
		700-702				Irvingiaceae
		702-707	*74-75*			Ochnaceae
		707-722	*76-77*		Guillaumin, A.	Burseraceae
		723-795	*78-87*		Pellegrin, F.	Meliaceae
		796-801	*88*			Dichapetalaceae
		801-810	*89-92*		Gagnepain, F.	Opiliaceae
		810-818	*93-94*			Olacaceae
		818-819	*95*			Aptandraceae
		820-821				Schoepfiaceae
		821-823	*96*			Erythropalaceae
		823-832	*97-98*			Icacinaceae
		832-846	*99-104*			Phytocrenaceae
		846-848	*105*			Cardiopteridaceae
	8	849		Jan 1912	Gagnepain, F.	Cardiopteridaceae
		850-863	*106*		Pitard, C. J.	Ilicaceae

1	8	863-894	*107-112*	Jan 1912		Celastraceae
		895-907	*113-114*			Hippocrateaceae
		908-934	*115-118*		Pitard, C. J.	Rhamnaceae
		934-944	*pl. XXV*		Gagnepain, F.	Leeaceae
		944-1001	*119-124, pl. XXVI*			Ampelidaceae
		1001-1053	*125-131*		Lecomte, H.	Sapindaceae
		1054-1055				Aceraceae
1 (Suppl.)	1	[1]-17	*1-3*	Mai 1938	Gagnepain, F.	Ranunculaceae
		17-29	*4*			Dilleniaceae
		29-59	*5-6*			Magnoliaceae
		59-123	*7-10*		Ast, S.	Anonaceae
		124-142	*11-12*		Gagnepain, F.	Menispermaceae
		142-143				Sargentodoxaceae
		143-144				Berberidaceae
	2	145-146	*13*	Feb 1939		Berberidaceae
		147-149	*14*			Lardizabalaceae
		150-151				Nymphaeaceae
		151				Papaveraceae
		152				Fumariaceae
		153-154				Cruciferae
		155-173	*15-16*			Capparidaceae
		173-197	*17-18*			Violaceae
		198-213	*19-20*			Bixaceae
		213-217				Pittosporaceae
		217-224	*21*			Xanthophyllaceae
		224-236	*22*			Polygalaceae
	3	237-238		Mar 1943	Gagnepain, F.	Polygalaceae
		238-246	*23*			Caryophyllaceae
		246-247				Portulacaceae
		247-248				Elatinaceae
		248-254				Hypericaceae
		254-277	*24*			Guttiferae
		277-332	*25-30*			Ternstroemiaceae
		332-334		Mar 1943	Gagnepain, F.	Pentaphyllaceae
		334-360	*33-39*		Tardieu-Blot, M. L.	Dipterocarpaceae
		360-364			Gagnepain, F.	Malvaceae
	4	365-389	*40*	Dec 1945	Gagnepain, F.	Malvaceae

volume	fascicle	pagination	*figs./pls.*	date	author(s)	taxon
1 (Suppl.)	4	390-391		Dec 1945	Gagnepain, F.	Ancistrocladaceae
		391-440	*41-52*			Sterculiaceae
		440-501	*53-58*			Tiliaceae
		501-504	*59*		Tardieu-Blot, M. L.	Linaceae
		504-506	*60*			Erythroxylaceae
		507-544	*61-63*		Arènes, J.	Malpighiaceae
		544-547			Tardieu-Blot, M. L.	Zygophyllaceae
		547-550	*65-66*			Oxalidaceae
		551-552				Geraniaceae
		553-588	*67-76*			Balsaminaceae
	5	589-593	*77*	Dec 1946	Tardieu-Blot, M. L.	Balsaminaceae
		593-657	*78-80*		Guillaumin, A.	Rutaceae
		658-669	*81*		Gagnepain, F.	Simaroubaceae
		669-670				Irvingiaceae
		670-675	*82*			Ochnaceae
		675-682	*83-84*		Guillaumin, A.	Burseraceae
		683-700			Pellegrin, F.	Meliaceae
	6	701-728	*85*	Dec 1948	Pellegrin, F.	Meliaceae
		728-730				Dichapetalaceae
		731-734	*86*		Gagnepain, F.	Opiliaceae
		734-738				Olacaceae
		739				Aptandraceae
		739-740				Schoepfiaceae
		741				Erythropalaceae
		741-756	*87-89*			Icacinaceae
		756-758				Phytocrenaceae
		759				Cardiopteridaceae
		759-764	*90*		Tardieu-Blot, M. L.	Aquifoliaceae
1 (Suppl.)	7	765-781	*91-93*	Dec 1948	Tardieu-Blot, M. L.	Aquifoliaceae
		781-812	*94-99*			Celastraceae
		812-824	*100-102*			Hippocrateaceae
		824				Siphonodontaceae
		825-844	*103-105*			Rhamnaceae
		844			Gagnepain, F.	Leeaceae
	8	845-855	*106*	Jan 1950	Gagnepain, F.	Leeaceae

		855-915	*107-114*			Ampelidaceae
		915-999	*115-128*			Sapindaceae
		1000				Hippocastaneaceae
		1001-1002	*129*			Bretschneideraceae
		1003-1013	*130-131*			Aceraceae
2	1	[1]-6	*1-2*	Mai 1908	Lecomte, H.	Sabiaceae
		6-41	*3-6, pl. I*			Anacardiaceae
		42				Moringaceae
		43-56	*7*			Connaraceae
	2	57-110	*8-12, pl. IIA-B*	Mar 1913	Gagnepain, F.	Leguminosae-Mimosées
		110-216	*13-21, pl. II-C, III*			Leguminosae-Caesalpiniées
	3	217-218		Apr 1916	Gagnepain, F.	Leguminosae-Caesalpiniées
		218-344	*22-34*			Leguminosae-Papilionées
	4	345-504	*35-47, pl. IV, V*	Jun 1916	Gagnepain, F.	Leguminosae-Papilionées
	5	505-613	*48-56*	Jun 1916	Gagnepain, F.	Leguminosae-Papilionées
		613-680	*57-66*		Cardot, J.	Rosaceae
	6	681		Oct 1920	Cardot, J.	Rosaceae
		682-695	*67-69*		Gagnepain, F.	Saxifragaceae
		695-697	*70*		Gagnepain, F. & A. Guillaumin	Crypteroniaceae
		697-705	*71-72(1-6)*		Gagnepain, F.	Crassulaceae
		705-709	*72(7-12)73(1-9)*			Droseraceae
		709-713	*74(1-13)*		Guillaumin, A.	Hamamelidaceae
		714-718	*74(14-20)*	Oct 1920	Guillaumin, A.	Haloragaceae
		719	*74(21)*			Callitrichaceae
		720-734	*75*			Rhizophoraceae
		734-777	*76-81*		Gagnepain, F.	Combretaceae
		777-788	*82-84(1-6)*			Gyrocarpaceae
		788-824	*84(7-8)-88*			Myrtaceae
	7	825-864	*89-95*	Mai 1921	Gagnepain, F.	Myrtaceae
		864-936	*96-100*		Guillaumin, A.	Melastomaceae
		937-976	*101-106(1-3)*		Gagnepain, F.	Lythraceae
		976-980	*106(4-13)*		Gagnepain, F. & A. Guillaumin	Punicaceae
	8	981-993	*107*	Oct 1921	Gagnepain, F.	Oenotheraceae
		993-1004	*108-109(1-4)*			Samydaceae
		1005-1015	*109(5-13)-110*			Homaliaceae

volume	fascicle	pagination	*figs./pls.*	date	author(s)	taxon
2	8	1015-1030	*111-114*	Oct 1921	Gagnepain, F.	Passifloraceae
		1030-1095	*115-128*			Cucurbitaceae
		1095-1120	*129-131*			Begoniaceae
		1120-1123	*132*			Datiscaceae
		1123-1132	*133-134*			Ficoides
		1132			Chermezon, H.	Umbelliferae
	9	1133-1157	*135-136*	Aug 1923	Chermezon, H.	Umbelliferae
		1158-1182	*137-141*		Viguier, R.	Araliaceae
		1182-1197	*142-144*		Evrard, F.	Cornaceae
3	1	[1]2-20	*1-2*	Dec 1922	Danguy, P.	Caprifoliaceae
		20-144	*3-14*		Pitard, J.	Rubiaceae
	2	145-288	*15-24*	Aug 1923	Pitard, J.	Rubiaceae
	3	289-432	*25-34*	Feb 1924	Pitard, J.	Rubiaceae
	4	433-442	*35*	Mai 1924	Pitard, J.	Rubiaceae
		443-446	*36(1-12)*		Arènes, J.	Valerianaceae
		446-448	*36(13-20)*			Dipsacaceae
		448-576	*37-62*		Gagnepain, F.	Compositae
	5	577-663	*63-72*	Sep 1924	Gagnepain, F.	Compositae
		664		Sep 1924	Danguy, P.	Stylidiaceae
	6	[665]666-667	*73(1-3)*	Feb 1930		Stylidiaceae
		667-671	*73(4-10)-74*			Goodeniaceae
		671-683	*74-76*			Lobeliaceae
		683-698	*77-79*			Campanulaceae
		698-714	*80(1-7)*		Dop, P.	Vacciniaceae
		714-717	*80(8-16)*			Clethraceae
		717-746	*81-83(1-3)*			Ericaceae
		746-748	*83(4-14)*			Epacridaceae
		748-753	*84*		Pellegrin, F.	Plumbaginaceae
		753-764	*85*		Bonati, G.	Primulaceae
		765-808	*86-90*		Pitard, J.	Myrsinaceae
	7	809-877	*91-94*	Dec 1930	Pitard, J.	Myrsinaceae
		877-915	*95-101*		Lecomte, H.	Sapotaceae
		915-978	*102-112*			Ebenaceae
	8	979-991	*113-114(1-5)*	Mar 1933	Guillaumin, A.	Styracaceae
		991-1034	*114(6-10)-117*			Symplocaceae

		1034-1084	*118-123*		Gagnepain, F.	Oleaceae
		1084-1086	*124*		Dop, P.	Salvadoraceae
		1087-1122	*125-128*		Pitard, J.	Apocynaceae
	9	1123-1262	*129-142*	Jun 1933	Pitard, J.	Apocynaceae
4	1	[1]-154	*1-19, pl. I-II*	Jul 1912	Constantin, J.	Asclepiadaceae
		154-160			Dop, P.	Loganiaceae
	2	161-177	*20-21*	Feb 1914	Dop, P.	Loganiaceae
		178-197	*22-23*		Dop, P. & F. Gagnepain	Gentianaceae
		197-224	*24-27*		Gagnepain, F. & M. L. Courchet	Boraginaceae
	3	225-226		Sep 1915	Cagnepain, F. & M. L. Courchet	Boraginaceae
		226-228	*28*		Danguy, P.	Hydrophyllaceae
		228-313	*29-37*	Sep 1915	Gagnepain, F. & M. L. Courchet	Convolvulaceae
		313-336	*38-39*		Bonati, G.	Solanaceae
	4	337-341		Jan 1927	Bonati, G.	Solanaceae
		341-461	*40-50*			Scrophulariaceae
		461-464			Pellegrin, F.	Orobanchaceae
	5	465-466	*51*	Aug 1930	Pellegrin, F.	Orobanchaceae
		467-487	*52-54*			Lentibulariaceae
		487-565	*55-60*			Gesneraceae
		565-607	*61-67*		Dop, P.	Bignoniaceae
		607-608			Gagnepain, F.	Pedaliaceae
	6	609-610	*68*	Mai 1935	Gagnepain, F.	Pedaliaceae
		610-752	*69-80*		Benoist, R.	Acanthaceae
	7	753-774	*81-83*	Aug 1935	Benoist, R.	Acanthaceae
		774-896	*84-92*		Dop, P.	Verbenaceae
	8	897-913	*93-95(1-4)*	Apr 1936	Dop, P.	Verbenaceae
		913-915	*95(5-11)*		Gagnepain, F.	Myoporaceae
		915-1040	*96-108*		Doan, T.	Labiatae
	9	1041-1046	*109*	Jun 1936	Doan, T.	Labiatae
		1046-1047			Gagnepain, F.	Plantaginaceae
		1048-1053	*110(1-13)*			Nyctaginaceae
		1054-1078	*110(14-18)-113*			Amarantaceae
5	1	[1]-9	*1*	Nov 1910	Courchet, L.	Chenopodiaceae

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5	1	9-11	*2(1-3)*	Nov 1910	Courchet, L.	Basellaceae
		12-15	*2(4-7)*			Phytolaccaceae
		15-42	*3-4*			Polygonaceae
		42-46	*5*	Nov 1910	Lecomte, H.	Podostemonaceae
		46-52	*pl. I*			Nepenthaceae
		52-58	*6*			Aristolochiaceae
		59-62	*7, pl. II-A*		Candolle, C. de	Saururaceae
		62-92	*8-9, pl. II-B*	Nov 1910	Candolle, C. de	Piperaceae
		93-96	*10(1-7)*		Lecomte, H.	Chloranthaceae
		96	*10(8-16)*			Myristicaceae
	2	97-106		Jan 1914	Lecomte, H.	Myristicaceae
		106-107				Monimiaceae
		107-158	*11-13, pl. III-VII*			Lauraceae
		158-159	*14(7-13)*			Hernandiaceae
		159-164	*14(1-6)*			Proteaceae
	3	165-179	*15-17*	Jun 1915	Lecomte, H.	Thymeleaceae
		179-185	*18*			Elaeagnaceae
		185-210	*19-21, pl. VIII-IX*			Loranthaceae
		211-221	*22-23*			Santalaceae
		221-228	*24-25*			Balanophoraceae
	4	[229]230-372	*26-42*	Dec 1925	Gagnepain, F. & L. Beille	Euphorbiaceae
	5	373-516	*43-65*	Mai 1926	Gagnepain, F. & L. Beille	Euphorbiaceae
	6	517-673	*66-79*	Sep 1927	Ganepain, F. & L. Beille	Euphorbiaceae
		673-676			Gagnepain, F.	Ulmaceae
	7	677-690	*80-82(1-10)*	Nov 1928	Gagnepain, F.	Ulmaceae
		691-693				Cannabinaceae
		694-820	*83-93*			Moraceae
	8	821-828	*94-95*	Apr 1929	Gagnepain, F.	Moraceae
		828-916	*96-105*			Urticaceae
	9	917-921	*106*	Oct 1929		Urticaceae
		922-932	*107, 107*(sic!)		Dode, L. A.	Juglandaceae
		932-935	*109(1-4)*			Myricaceae

		936-937	*109(5-7)*			Casuarinaceae
		937-1028	*110-116*		Hickel, R. & A. Camus	Fagaceae
5	10	1029-1033		Apr 1931	Hickel, R. & A. Camus	Fagaceae
		1033-1041	*117-118*		Camus, A.	Betulaceae
		1042-1051	*119*		Dode, L. A.	Salicaceae
		1052-1053	*120(1-4)*		Leandri, J.	Ceratophyllaceae
		1054-1062	*120(5-8)-121(1-2)*			Gnetaceae
		1062-1071	*122(5-8)-123(1-4)*		Hickel, R.	Taxaceae
		1071-1073	*123(5), 124(1)*			Araucariaceae
		1073-1079	*124(2-4)-126(1-2)*			Abietaceae
		1079-1085	*126(3-7), 127*			Cupressaceae
		1085-1092	*121(3-5), 122(1-4)*		Leandri, J.	Cycadaceae
6	1	[1]-18	*1-6, pl. I*	Feb 1908	Gagnepain, F.	Hydrocharitaceae
		18-25	*7*			Burmanniaceae
		25-121	*8-11, pl. II-IIIA-E*			Zingiberaceae
		121-128	*12-13*			Marantaceae
	2	129-137	*14-15(1-4)*	Nov 1932	Gagnepain, F.	Marantaceae
		138-139	*16(1)*			Cannaceae
		139-142	*15(5), 16(2-6)*			Musaceae
		142-288	*17-23*		Gagnepain, F. & A. Guillaumin	Orchidaceae
	3	289-432	*24-39*	Apr 1933	Gagnepain, F. & A. Guillaumin	Orchidaceae
	4	433-576	*40-54*	Oct 1933	Gagnepain, F. & A. Guillaumin	Orchidaceae
	5	577-647	*55-61*	Feb 1934	Gagnepain, F. & A. Guillaumin	Orchidaceae
		647-654	*62-63*		Gagnepain, F.	Apostasiaceae
		654-673	*64-66*		Rodriguez, L.	Hemodoraceae
		673-677	*67(1-10)*		Gagnepain, F.	Iridaceae
		677-690	*67(11-14)-69*			Amaryllidaceae
		690-698	*70*			Taccaceae
		698-720	*71*	Feb 1934	Prain, D. & I. H. Burkill	Dioscoreaceae
	6	721-745	*72-73*	Nov 1934	Prain, D. & I. H. Burkill	Dioscoreaceae

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6	6	745-753	*72(1-6)*, plate misnumbered	Nov 1934	Gagnepain, F.	Stemonaceae
		753-815	*72(7-16)*, plate misnumbered			Liliaceae
		815-829	*81-82(1-5)*		Cherfils, H.	Pontederiaceae
		829-832	*82(5-7)*			Philydraceae
		832-840	*83*		Malme, G. O.	Xyridaceae
	7	841		Jun 1937	Malme, G. O.	Xyridaceae
		842-934	*84-88*		Cherfils, H.	Commelinaceae
		934-938	*89(1-9)*		Camus, A.	Flagellariaceae
		939-945	*89(10-15)*			Juncaceae
		946-984	*90-94*		Gagnepain, F. & L. Conrard	Palmae
	8	985-1056	*95-99*	Dec 1937	Gagnepain, F. & L. Conrard	Palmae
		1056-1069	*100*		Martelli, U.	Pandanaceae
		1069-1074	*101*		Camus, A.	Typhaceae
	9	1075-1196	*102-113*	Apr 1942	Gagnepain, F.	Araceae
		1197-1199				Lemnaceae
		1199-1207	*114-115(1-5)*			Alismaceae
		1207-1210	*115(6-12)*			Butomaceae
		1210-1214	*115(13-19)*			Naiadaceae
		1214-1222	*116(1-8)*		Camus, A.	Potamogetonaceae
		1223-1227	*116(9)*			Aponogetonaceae
		1228-1230	*116(10-15)*		Gagnepain, F.	Centrolepidaceae
		1230-1232	*116(16-22)*			Restiaceae
7	1	[1]-18	*1-2*	Nov 1912	Lecomte, H.	Eriocaulaceae
		19-96	*3-14*		Camus, E. G.	Cyperaceae
	2	97-192	*15-27, pl. I*	Nov 1912	Camus, E. G.	Cyperaceae
7	3	193-201	*28-29*	Mar 1922	Camus, E. G.	Cyperaceae
		202-336	*30-36*		Camus, E. G. & A. Camus	Gramineae
	4	337-480	*37-40*	Jul 1922	Camus, E. G. & A. Camus	Gramineae

7	5	481-650	*41-48*	Jan 1923	Camus, E. G. & A. Camus	Gramineae
7(2)	6	[1]-144	*1-17*	Dec 1939	Tardieu-Blot & C. Christensen	Pteridophytae
	7	145-288	*18-30*	Jun 1940	Tardieu-Blot & C. Christensen	Pteridophytae
	8	289-432	*31-49*	Jun 1941	Tardieu-Blot & C. Christensen	Pteridophytae
	9	433-544	*50-63*	Aug 1941	Tardieu-Blot & C. Christensen	Pteridophytae

taxon	author(s)	volume	fascicle	pagination	*figs/pls*	date
Systematic index						
Abietaceae	Hickel, R.	5	10	1073-1079	*124(2-4)-126(1-2)*	Apr 1931
Acanthaceae	Benoist, R.	4	6	610-752	*69-80*	Mai 1935
Acanthaceae	Benoist, R.	4	7	753-774	*81-83*	Aug 1935
Aceraceae	Lecomte, H.	1	8	1054-1055		Jan 1912
Aceraceae	Gagnepain, F.	1 (Suppl)	8	1003-1013	*130-131*	Jan 1950
Alismaceae	Gagnepain, F.	6	9	1199-1207	114, 115(*1-5*)	Apr 1942
Amarantaceae	Gagnepain, F.	4	9	1054-1078	*110(14-18)-113*	Jun 1936
Amaryllidaceae	Gagnepain, F.	6	5	677-690	*67(11-14)-69*	Feb 1934
Ampelidaceae	Gagnepain, F.	1	8	944-1001	*119-124, pl. XXVI*	Jan 1912
Ampelidaceae	Gagnepain, F.	1 (Suppl.)	8	855-915	*107-114*	Jan 1950
Anacardiaceae	Lecomte, H.	2	1	6-41	*3-6, pl. I*	Mai 1908
Ancistrocladaceae	Gagnepain, F.	1	4	393-397	*39*	Mar 1910
Ancistrocladaceae	Gagnepain, F.	1 (Suppl)	4	390-391		Dec 1945
Anonaceae	Finet, A. E. & F. Gagnepain	1	1	42-112	*9-13, pls. IV-XIV*	Jun 1907
Anonaceae	Finet, A. E. & F. Gagnepain	1	2	113-123		Oct 1908
Anonaceae	Ast, S.	1 (Suppl.)	1	59-123	*7-10*	Mai 1938
Apocynaceae	Pitard, J.	3	8	1087-1122	*125-128*	Mar 1933
Apocynaceae	Pitard, J.	3	9	1123-1262	*129-142*	Jun 1933
Aponogetonaceae	Camus, A.	6	9	1223-1227	*116(9)*	Apr 1942
Apostasiaceae	Gagnepain, F.	6	5	647-654	*62, 63*	Feb 1934
Aptandraceae	Gagnepain, F.	1	7	818-819	*95*	Aug 1911
Aptandraceae	Gagnepain, F.	1 (Suppl)	6	739		Dec 1948
Aquifoliaceae	Tardieu-Blot, M. L.	1 (Suppl)	6	759-764	*90*	Dec 1948
Aquifoliaceae	Tardieu-Blot, M. L.	1 (Suppl)	7	765-781	*91-93*	Dec 1948
Araceae	Gagnepain, F.	6	9	1075-1196	*102-113*	Apr 1942
Araliaceae	Viguier, R.	2	9	1158-1182	*137-141*	Aug 1923
Araucariaceae	Hickel, R.	5	10	1021-1073	*123(5), 124(1)*	Apr 1931
Aristolochiaceae	Lecomte, H.	5	1	52-58	*6*	Nov 1910

Asclepiadaceae	Constantin, J.	4	1	[1]2-154	*1-19, pl. I, II*	Jul 1912
Balanophoraceae	Lecomte, H.	5	3	221-228	*24, 25*	Jun 1915
Balsaminaceae	Hooker, J. D.	1	6	611-629	*66*	Mar 1911
Balsaminaceae	Tardieu-Blot, M. L.	1 (Suppl)	4	553-588	*67-76*	Dec 1945
Balsaminaceae	Tardieu-Blot, M. L.	1 (Suppl)	5	589-593	*77*	Dec 1946
Basellaceae	Courchet, L.	5	1	9-11	*2(1-3)*	Nov 1910
Begoniaceae	Gagnepain, F.	2	8	1095-1120	*129-131*	Oct 1921
Berberidaceae	Gagnepain, F.	1	2	157-158		Oct 1908
Berberidaceae	Gagnepain, F.	1 (Suppl)	1	143-144		Mai 1938
Berberidaceae	Gagnepain, F.	1 (Suppl)	2	145-147	*13*	Feb 1939
Betulaceae	Camus, A.	5	10	1033-1041	*117, 118*	Apr 1931
Bignoniaceae	Dop, P.	4	5	565-607	*61-67*	Aug 1930
Bixaceae	Gagnepain, F.	1	3	218-237	*21-23, pl. XVII*	Mai 1909
Bixaceae	Gagnepain, F.	1 (Suppl)	2	198-213	*19-20*	Feb 1939
Boraginaceae	Gagnepain, F. & M. L. Courchet	4	2	197-224	*24-27*	Feb 1914
Boraginaceae	Gagnepain, F. & M. L. Courchet	4	3	225-226		Sep 1915
Bretschneideraceae	Gagnepain, F.	1 (Suppl)	8	1001-1002	*129*	Jan 1950
Burmanniaceae	Gagnepain, F.	6	1	18-25	*7*	Feb 1908
Burseraceae	Guillaumin, A.	1	7	707-722	*76, 77*	Aug 1911
Burseraceae	Guillaumin, A.	1 (Suppl)	5	675-682	*83-84*	Dec 1946
Butomaceae	Gagnepain, F.	6	9	1207-1210	*115(6-12)*	Apr 1942
Callitrichaceae	Guillaumin, A.	2	6	719	*74(21)*	Oct 1920
Campanulaceae	Danguy, P.	3	6	683-698	*77-79*	Feb 1930
Cannabinaceae	Gagnepain, F.	5	7	691-693		Nov 1928
Cannaceae	Gagnepain, F.	6	2	138-139	*16(1)*	Nov 1932
Capparidaceae	Gagnepain, F.	1	2	171-206	*pls. XV-B/C, XVI*	Oct 1908
Capparidaceae	Gagnepain, F.	1 (Suppl)	2	155-173	*15-16*	Feb 1939
Caprifoliaceae	Danguy, P.	3	1	[1]2-20	*1-2*	Dec 1922
Cardiopteridaceae	Gagnepain, F.	1	7	846-848	*105*	Aug 1911
Cardiopteridaceae	Gagnepain, F.	1	8	849		Jan 1912
Cardiopteridaceae	Gagnepain, F.	1 (Suppl) 6	6	759		Dec 1948
Caryophyllaceae	Gagnepain, F.	1	3	262-273	*26, pl. XIX-A/B*	Mai 1909
Caryophyllaceae	Gagnepain, F.	1 (Suppl)	3	238-246	*23*	Mar 1943
Casuarinaceae	Dode, L. A.	5	9	936-937	*109(5-7)*	Oct 1929
Celastraceae	Pitard, C. J.	1	8	863-894	*107-112*	Jan 1912

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Celastraceae	Tardieu-Blot, M. L.	1 (Suppl)	7	781-812	*94-99*	Dec 1948
Centrolepidaceae	Gagnepain, F.	6	9	1228-1230	*116(10-15)*	Apr 1942
Ceratophyllaceae	Leandri, J.	5	10	1052-1053	*120(1-4)*	Apr 1931
Chenopodiaceae	Courchet, L.	5	1	[1]2-9	*1*	Nov 1910
Chloranthaceae	Lecomte, H.	5	1	93-96	*10(1-7)*	Nov 1910
Clethraceae	Dop, P.	3	6	714-717	*80(8-16)*	Feb 1930
Combretaceae	Gagnepain, F.	2	6	734-777	*76-81*	Oct 1920
Commelinaceae	Cherfils, H.	6	7	842-934	*84-88*	Jun 1937
Compositae	Gagnepain, F.	3	4	448-576	*37-62*	Mai 1924
Compositae	Gagnepain, F.	3	5	577-663	*63-72*	Sep 1924
Connaraceae	Lecomte, H.	2	1	43-56	*7*	Mai 1908
Convolvulaceae	Gagnepain, F. & M. L. Courchet	4	3	228-313	*29-37*	Sep 1915
Cornaceae	Evrard, F.	2	9	1812-1197	*142-144*	Aug 1923
Crassulaceae	Gagnepain, F.	2	6	697-705	*71-72(1-6)*	Oct 1920
Cruciferae	Gagnepain, F.	1	2	164-171	*17*	Oct 1908
Cruciferae	Gagnepain, F.	1 (Suppl)	2	153-154		Feb 1939
Crypteroniaceae	Gagnepain, F. & A. Guillaumin	2	6	695-697	*70*	Oct 1920
Cucurbitaceae	Gagnepain, F.	2	8	1030-1095	*115-128*	Oct 1921
Cupressaceae	Hickel, R.	5	10	1079-1085	*126(3-7), 127*	Apr 1931
Cycadaceae	Leandri, J.	5	10	1085-1092	*121(3-5), 122(1-4)*	Apr 1931
Cyperaceae	Camus, E. G.	7	1	19-96	*3-14*	Nov 1912
Cyperaceae	Camus, E. G.	7	2	97-192	*15-27, pl. I*	Nov 1912
Cyperaceae	Camus, E. G.	7	3	193-201	*28-29*	Mar 1922
Datiscaceae	Gagnepain, F.	2	8	1120-1123	*132*	Oct 1921
Dichapetalaceae	Pellegrin, F.	1	7	796-801	*88*	Aug 1911
Dichapetalaceae	Pellegrin, F.	1 (Suppl)	6	728-730		Dec 1948
Dilleniaceae	Finet, A. E. & F. Gagnepain	1	1	12-28	*4-5, pls. I, II*	Jun 1907
Dilleniaceae	Gagnepain, F.	1 (Suppl)	1	17-29	*4*	Mai 1938
Dioscoreaceae	Prain, D. & I. H. Burkill	6	5	698-720	*71*	Feb 1934
Dioscoreaceae	Prain, D. & I. H. Burkill	6	6	721-745	*72-73*	Nov 1934

Dipsacaceae	Arènes, J.	3	4	446-448	*36(13-20)*	Mai 1924
Dipterocarpaceae	Guerin, P.	1	4	353-393	*34-38*	Mar 1910
Dipterocarpaceae	Tardieu-Blot, M. L.	1 (Suppl)	3	334-360	*33-39*	Mar 1943
Droseraceae	Gagnepain, F.	2	6	705-709	*72(7-12), 73(1-9)*	Oct 1920
Ebenaceae	Lecomte, H.	3	7	915-978	*102-112*	Dec 1930
Elaeagnaceae	Lecomte, H.	5	3	179-185	*18*	Jun 1915
Elatinaceae	Gagnepain, F.	1	3	280-284	*28*	Mai 1909
Elatinaceae	Gagnepain, F.	1 (Suppl)	3	247-248		Mar 1943
Epacridaceae	Dop, P.	3	6	746-749	*83(4-14)*	Feb 1930
Ericaceae	Dop, P.	3	6	717-746	*81-83(1-3)*	Feb 1930
Eriocaulaceae	Lecomte, H.	7	1	[1]2-18	*1-2*	Nov 1912
Erythropalaceae	Gagnepain, F.	1	7	821-823	*96*	Aug 1911
Erythropalaceae	Gagnepain, F.	1 (Suppl)	6	741		Dec 1948
Erythroxylaceae	Guillaumin, A.	1	6	588-592	*63*	Mar 1911
Erythroxylaceae	Tardieu-Blot, M. L.	1 (Suppl)	4	504-506	*60*	Dec 1945
Euphorbiaceae	Gagnepain, F. & L. Beille	5	4	[229]230-372	*26-42*	Dec 1925
Euphorbiaceae	Gagnepain, F. & L. Beille	5	5	373-516	*43-65*	Mai 1926
Euphorbiaceae	Gagnepain, F. & L. Beille	5	6	517-673	*66-79*	Sep 1927
Fagaceae	Hickel, R. & A. Camus	5	9	937-1028	*110-116*	Oct 1929
Fagaceae	Hickel, R. & A. Camus	5	10	1029-1033		Apr 1931
Ficoides	Gagnepain, F.	2	8	1123-1132	*133-134*	Oct 1921
Flagellariaceae	Camus, A.	6	7	934-938	*89(1-9)*	Jun 1937
Fumariaceae	Gagnepain, F.	1	2	163-164		Oct 1908
Fumariaceae	Gagnepain, F.	1 (Suppl)	2	152		Feb 1939
Gentianaceae	Dop, P. & F. Gagnepain	4	2	178-197	*22-23*	Feb 1914
Geraniaceae	Tardieu-Blot, M. L.	1 (Suppl)	4	551-552		Dec 1945
Gesneraceae	Pellegrin, F.	4	5	487-565	*55-60*	Aug 1930
Gnetaceae	Leandri, J.	5	10	1054-1062	*120(5-8), 121(1, 2)*	Apr 1931
Goodeniaceae	Danguy, P.	3	6	667-671	*73(4-10), 74*	Feb 1930
Gramineae	Camus, E. G. & A. Camus	7	3	202-336	*30-36*	Mar 1922

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Gramineae	Camus, E. G. & A. Camus	7	4	337-480	*37-40*	Jul 1922
Gramineae	Camus, E. G. & A. Camus	7	5	481-650	*41-48*	Jan 1923
Guttiferae	Pitard, C. J.	1	4	292-330	*29-31*	Mar 1910
Guttiferae	Gagnepain, F.	1 (Suppl)	3	254-277	*24*	Mar 1943
Gyrocarpaceae	Gagnepain, F.	2	6	777-788	*82-84(1-6)*	Oct 1920
Haloragaceae	Guillaumin, A.	2	6	714-718	*74(14-20)*	Oct 1920
Hamamelidaceae	Guillaumin, A.	2	6	709-713	*74(1-13)*	Oct 1920
Hemodoraceae	Rodriguez, L.	6	5	654-673	*64-66*	Feb 1934
Hernandiaceae	Lecomte, H.	5	2	158-159	*14(7-13)*	Jan 1914
Hippocastaneaceae	Gagnepain, F.	1 (Suppl)	8	1000		Jan 1950
Hippocrateaceae	Pitard, C. J.	1	8	895-907	*113-114*	Jan 1912
Hippocrateaceae	Tardieu-Blot, M. L.	1 (Suppl)	7	812-824	*100-102*	Dec 1948
Homaliaceae	Gagnepain, F.	2	8	1005-1015	*109(5-13), 110*	Oct 1921
Hydrocharitaceae	Gagnepain, F.	6	1	[1]2-18	*1-6, pl. I*	Feb 1908
Hydrophyllaceae	Danguy, P.	4	3	226-228	*28*	Sep 1915
Hypericaceae	Gagnepain, F.	1	3	284-288		Mai 1909
Hypericaceae	Gagnepain, F.	1	4	289-291		Mar 1910
Hypericaceae	Gagnepain, F.	1 (Suppl)	3	248-254		Mar 1943
Icacinaceae	Gagnepain, F.	1	7	823-832	*97-98*	Aug 1911
Icacinaceae	Gagnepain, F.	1 (Suppl)	6	741-756	*87-89*	Dec 1948
Ilicaceae	Pitard, C. J.	1	8	850-863	*106*	Jan 1912
Iridaceae	Gagnepain, F.	6	5	673-677	*67(1-10)*	Feb 1934
Irvingiaceae	Lecomte, H.	1	7	700-702		Aug 1911
Irvingiaceae	Gagnepain, F.	1 (Suppl)	5	669-670		Dec 1946
Juglandaceae	Dode, L. A.	5	9	922-932	*107, 107* (sic!)	Oct 1929
Juncaceae	Camus, A.	6	7	939-945	*89(10-15)*	Jun 1937
Labiatae	Doan, T.	4	8	915-1040	*96-108*	Apr 1936
Labiatae	Doan, T.	4	9	1041-1046	*109*	Jun 1936
Lardizabalaceae	Gagnepain, F.	1	2	155-157	*16*	Oct 1908
Lardizabalaceae	Gagnepain, F.	1 (Suppl)	2	147-149	*14*	Feb 1939
Lauraceae	Lecomte, H.	5	2	107-158	*11-13, pl. III-VII*	Jan 1914
Leeaceae	Gagnepain, F.	1	8	934-944	*pl. XXV*	Jan 1912
Leeaceae	Gagnepain, F.	1 (Suppl)	7	844		Dec 1948

Leeaceae	Gagnepain, F.	1 (Suppl)	8	845-855	*106*	Jan 1950
Leguminosae-Caesalpinées	Gagnepain, F.	2	2	110-216	*13-21, pl. IIC, III*	Mar 1913
Leguminosae-Caesalpinées	Gagnepain, F.	2	3	217-218		Apr 1916
Leguminosae-Mimosées	Gagnepain, F.	2	2	57-110	*8-12, pl. IIA/B*	Mar 1913
Leguminosae-Papilionées	Gagnepain, F.	2	3	218-344	*22-34*	Apr 1916
Leguminosae-Papilionées	Gagnepain, F.	2	4	345-504	*35-47, pl. IV, V*	Jun 1916
Leguminosae-Papilionées	Gagnepain, F.	2	5	505-613	*48-56*	Jun 1916
Lemnaceae	Gagnepain, F.	6	9	1197-1199		Apr 1942
Lentibulariaceae	Pellegrin, F.	4	5	467-487	*52-54*	Aug 1930
Liliaceae	Gagnepain, F.	6	6	753-815	*72(7-16)73-80* (misnumbered plates)	Nov 1934
Linaceae	Guillaumin, A.	1	6	582-588	*61-62*	Mar 1911
Linaceae	Tardieu-Blot, M.	1 (Suppl)	4	501-504	*59*	Dec 1945
Lobeliaceae	Danguy, P.	3	6	671-683	*74-76*	Feb 1930
Loganiaceae	Dop, P.	4	1	154-160		Jul 1912
Loranthaceae	Lecomte, H.	5	3	185-210	*19-21, pl. VIII-IX*	Jun 1915
Lythraceae	Gagnepain, F.	2	7	937-976	*101-106(1-3)*	Mai 1921
Magnoliaceae	Finet, A. E. & F. Gagnepain	1	1	29-42	*6-8, pl. III*	Jun 1907
Magnoliaceae	Gagnepain, F.	1 (Suppl)	1	29-59	*5-6*	Mai 1938
Malpighiaceae	Dop, P.	1	6	592-604	*64*	Mar 1911
Malpighiaceae	Arènes, J.	1 (Suppl)	4	507-544	*61-63*	Dec 1945
Malvaceae	Gagnepain, F.	1	4	397-448	*40-42, pl. XX, XXIA*	Mar 1910
Malvaceae	Gagnepain, F.	1	5	449-454	*43-44*	Apr 1911
Malvaceae	Gagnepain, F.	1 (Suppl)	3	360-364		Mar 1943
Malvaceae	Gagnepain, F.	1 (Suppl)	4	365-389	*40*	Dec 1945
Marantaceae	Gagnepain, F.	6	1	121-128	*12-13*	Feb 1908
Marantaceae	Gagnepain, F.	6	2	129-137	*14-15(1-4)*	Nov 1932
Melastomaceae	Guillaumin, A.	2	7	864-936	*96-100*	Mai 1921
Meliaceae	Pellegrin, F.	1	7	723-795	*78-87*	Aug 1911
Meliaceae	Pellegrin, F.	1 (Suppl)	5	683-700		Dec 1946
Meliaceae	Pellegrin, F.	1 (Suppl)	6	701-728	*85*	Dec 1948
Menispermaceae	Gagnepain, F.	1	2	124-154	*14-15*	Oct 1908
Menispermaceae	Gagnepain, F.	1 (Suppl)	1	124-142	*11-12*	Mai 1938
Monimiaceae	Lecomte, H.	5	2	106-107		Jan 1914
Moraceae	Gagnepain, F.	5	7	694-820	*83-93*	Nov 1928
Moraceae	Gagnepain, F.	5	8	821-828	*94-95*	Apr 1929

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Moringaceae	Lecomte, H.	2	1	42		Mai 1908
Musaceae	Gagnepain, F.	6	2	139-142	*15(5), 16(2-6)*	Nov 1932
Myoporaceae	Gagnepain, F.	4	8	913-915	*95(5-11)*	Apr 1936
Myricaceae	Dode, L. A.	5	9	932-935	*109(1-4)*	Oct 1929
Myristicaceae	Lecomte, H.	5	1	96	*10(8-16)*	Nov 1910
Myristicaceae	Lecomte, H.	5	2	97-106		Jan 1914
Myrsinaceae	Pitard, J.	3	6	765-808	*86-90*	Feb 1930
Myrsinaceae	Pitard, J.	3	7	809-877	*91-94*	Dec 1930
Myrtaceae	Gagnepain, F.	2	6	788-824	*84(7-8)-88*	Oct 1920
Myrtaceae	Gagnepain, F.	2	7	825-864	*89-95*	Mai 1921
Naiadaceae	Gagnepain, F.	6	9	1210-1214	*115(13-19)*	Apr 1942
Nepenthaceae	Lecomte, H.	5	1		*46-52, pl. I*	Nov 1910
Nyctaginaceae	Gagnepain, F.	4	9	1048-1053	*110(1-13)*	Jun 1936
Nymphaeaceae	Gagnepain, F.	1	2	158-163	*pl. XV-A*	Oct 1908
Nymphaeaceae	Gagnepain, F.	1 (Suppl)	2	150-151		Feb 1939
Ochnaceae	Lecomte, H.	1	7	702-707	*74-75*	Aug 1911
Ochnaceae	Gagnepain, F.	1 (Suppl)	5	670-675	*82*	Dec 1946
Oenotheraceae	Gagnepain, F.	2	8	981-993	*107*	Oct 1921
Olacaceae	Gagnepain, F.	1	7	810-818	*93-94*	Aug 1911
Olacaceae	Gagnepain, F.	1 (Suppl)	6	734-738		Dec 1948
Oleaceae	Gagnepain, F.	3	8	1034-1084	*118-123*	Mar 1933
Opiliaceae	Gagnepain, F.	1	7	801-810	*89-92*	Aug 1911
Opiliaceae	Gagnepain, F.	1 (Suppl)	6	731-734	*86*	Dec 1948
Orchidaceae	Gagnepain, F. & A. Guillaumin	6	2	142-288	*12-23*	Nov 1932
Orchidaceae	Gagnepain, F. & A. Guillaumin	6	3	289-432	*24-39*	Apr 1933
Orchidaceae	Gagnepain, F. & A. Guillaumin	6	4	433-576	*40-54*	Oct 1933
Orchidaceae	Gagnepain, F. & A. Guillaumin	6	5	577-647	*55-61*	Feb 1934
Orobanchaceae	Pellegrin, F.	4	4	461-464		Jan 1927
Orobanchaceae	Pellegrin, F.	4	5	465-466	*51*	Aug 1930
Oxalidaceae	Guillaumin, A.	1	6	604-611	*65*	Mar 1911
Oxalidaceae	Tardieu-Blot, M.	1 (Suppl)	4	547-550	*65-66*	Dec 1945

Palmae	Gagnepain, F. & L. Conrard	6	7	946-984	*90-94*	Jun 1937
Palmae	Gagnepain, F. & L. Conrard	6	8	985-1056	*95-99*	Dec 1937
Pandanaceae	Martelli, U.	6	8	1056-1069	*100*	Dec 1937
Papaveraceae	Gagnepain, F.	1 (Suppl)	2	151		Feb 1939
Passifloraceae	Gagnepain, F.	2	8	1015-1030	*111-114*	Oct 1921
Pedaliaceae	Gagnepain, F.	4	5	607-608		Aug 1930
Pedaliaceae	Gagnepain, F.	4	6	609-610	*68*	Mai 1935
Pentaphyllaceae	Gagnepain, F.	1 (Suppl)	3	332-334		Mar 1943
Philydraceae	Cherfils, H.	6	6	829-832	*82(5-7)*	Nov 1934
Phytocrenaceae	Gagnepain, F.	1	7	832-846	*99-104*	Aug 1911
Phytocrenaceae	Gagnepain, F.	1 (Suppl.)	6	756-758		Dec 1948
Phytolaccaceae	Courchet, L.	5	1	12-15	*2(4-7)*	Nov 1910
Piperaceae	Candolle, C. de	5	1	62-92	*8-9, pl. IIB*	Nov 1910
Pittosporaceae	Gagnepain, F.	1	3	237-242	*pl. XVIII-A*	Mai 1909
Pittosporaceae	Gagnepain, F.	1 (Suppl)	2	213-217		Feb 1939
Plantaginaceae	Gagnepain, F.	4	9	1046-1047		Jun 1936
Plumbaginaceae	Pellegrin, F.	3	6	748-753	*84*	Feb 1930
Podostemonaceae	Lecomte, H.	5	1	42-46	*5*	Nov 1910
Polygalaceae	Gagnepain, F.	1	3	247-262	*24-25*	Mai 1909
Polygalaceae	Gagnepain, F.	1 (Suppl)	2	224-236	*22*	Feb 1939
Polygalaceae	Gagnepain, F.	1 (Suppl)	3	237-238		Mar 1943
Polygonaceae	Courchet, L.	5	1	15-42	*3-4*	Nov 1910
Pontederiaceae	Cherfils, H.	6	6	815-829	*81-82(1-5)*	Nov 1934
Portulacaceae	Gagnepain, F.	1	3	273-277	*pl. XIX-C*	Mai 1909
Portulacaceae	Gagnepain, F.	1 (Suppl)	3	246-247		Mar 1943
Potamogetonaceae	Camus, A.	6	9	1214-1222	*116(1-8)*	Apr 1942
Primulaceae	Bonati, G.	3	6	753-764	*85*	Feb 1930
Proteaceae	Lecomte, H.	5	2	159-164	*14(1-6)*	Jan 1914
Punicaceae	Gagnepain, F. & A. Guillaumin	2	7	976-980	*106(4-13)*	Mai 1921
Ranunculaceae	Finet, A. E. & F. Gagnepain	1	1	[1]2-11	*1-3*	Jun 1907
Ranunculaceae	Gagnepain, F.	1 (Suppl)	1	[1]2-17	*1-3*	Mai 1938
Restiaceae	Gagnepain, F.	6	9	1230-1232	*116(16-22)*	Apr 1942
Rhamnaceae	Pitard, C. J.	1	8	908-934	*115-118*	Jan 1912

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Rhamnaceae	Tardieu-Blot, M.	1 (Suppl)	7	825-844	*103-105*	Dec 1948
Rhizophoraceae	Guillaumin, A.	2	6	720-734	*75*	Oct 1920
Rosaceae	Cardot, J.	2	5	613-680	*57-66*	Jun 1916
Rosaceae	Cardot, J.	2	6	681		Oct 1920
Rubiaceae	Pitard, J.	3	1	20-144	*3-14*	Dec 1922
Rubiaceae	Pitard, J.	3	2	145-288	*15-24*	Aug 1923
Rubiaceae	Pitard, J.	3	3	289-432	*25-34*	Feb 1924
Rubiaceae	Pitard, J.	3	4	433-442	*35*	Mai 1924
Rutaceae	Guillaumin, A.	1	6	629-687	*67-72, pl. XXIV*	Mar 1911
Rutaceae	Guillaumin, A.	1 (Suppl)	5	593-657	*78-80*	Dec 1946
Sabiaceae	Lecomte, H.	2	1	[1]2-6	*1-2*	Mai 1908
Salicaceae	Dode, L. A.	5	10	1042-1051	*119*	Apr 1931
Salvadoraceae	Dop, P.	3	8	1084-1086	*124*	Mar 1933
Samydaceae	Gagnepain, F.	2	8	993-1004	*108-109(1-4)*	Oct 1921
Santalaceae	Lecomte, H.	5	3	211-221	*22-23*	Jun 1915
Sapindaceae	Lecomte, H.	1	8	1001-1053	*125-131*	Jan 1912
Sapindaceae	Gagnepain, F.	1 (Suppl)	8	915-999	*115-128*	Jan 1950
Sapotaceae	Lecomte, H.	3	7	877-915	*95-101*	Dec 1930
Sargentodoxaceae	Gagnepain, F.	1 (Suppl)	1	142-143		Mai 1938
Saururaceae	Candolle, C. de	5	1	59-62	*7, pl. II-A*	Nov 1910
Saxifragaceae	Gagnepain, F.	2	6	682-695	*67-69*	Oct 1920
Schoepfiaceae	Gagnepain, F.	1	7	820-821		Aug 1911
Schoepfiaceae	Gagnepain, F.	1 (Suppl)	6	739-740		Dec 1948
Scrophulariaceae	Bonati, G.	4	4	341-461	*40-50*	Jan 1927
Simaroubaceae	Lecomte, H.	1	6	688		Mar 1911
Simaroubaceae	Lecomte, H.	1	7	689-699	*73*	Aug 1911
Simaroubaceae	Gagnepain, F.	1 (Suppl)	5	658-669	*81*	Dec 1946
Siphonodontaceae	Tardieu-Blot, M.	1 (Suppl)	7	824		Dec 1948
Solanaceae	Bonati, G.	4	3	313-336	*38-39*	Sep 1915
Solanaceae	Bonati, G.	4	4	337-341		Jan 1927
Stachyuraceae	Pitard, C. J.	1	4	352-353		Mar 1910
Stemonaceae	Gagnepain, F.	6	6	745-753	*72(1-6)* (misnumbered)	Nov 1934
Sterculiaceae	Gagnepain, F.	1	5	454-522	*45-50, pl. XXI-B, XXII*	Apr 1911
Sterculiaceae	Gagnepain, F.	1 (Suppl)	4	391-440	*41-52*	Dec 1945

Stylidiaceae	Danguy, P.	3	5	664		Sep 1924
Stylidiaceae	Danguy, P.	3	6	[655]666-667	*73(1-3)*	Feb 1930
Styracaceae	Guillaumin, A.	3	8	979-991	*113, 114(1-5)*	Mar 1933
Symplocaceae	Guillaumin, A.	3	8	991-1034	*114(6-10)-117*	Mar 1933
Taccaceae	Cagnepain, F.	6	5	690-698	*70*	Feb 1934
Tamaricaceae	Dode, L. A.	1	3	277-280	*27*	Mai 1909
Taxaceae	Hickel, R.	5	10	1062-1071	*122(5-8), 123(1-4)*	Apr 1931
Ternstroemiaceae	Pitard, C. J.	1	4	330-352	*32-33*	Mar 1910
Ternstroemiaceae	Gagnepain, F.	1 (Suppl)	3	277-332	*25-30*	Mar 1943
Thymeleaceae	Lecomte, H.	5	3	165-179	*15-17*	Jun 1915
Tiliaceae	Gagnepain, F.	1	5	523-576	*51-60*	Apr 1911
Tiliaceae	Gagnepain, F.	1	6	577-582	*pl. XXIII*	Mar 1911
Tiliaceae	Gagnepain, F.	1 (Suppl)	4	440-501	*53-58*	Dec 1945
Typhaceae	Camus, A.	6	8	1069-1074	*101*	Dec 1937
Ulmaceae	Gagnepain, F.	5	6	673-676		Sep 1927
Ulmaceae	Gagnepain, F.	5	7	677-690	*80-82(1-10)*	Nov 1928
Urticaceae	Gagnepain, F.	5	8	828-916	*96-105*	Apr 1929
Urticaceae	Gagnepain, F.	5	9	917-921	*106*	Oct 1929
Umbelliferae	Chermezon, H.	2	8	1132		Oct 1921
Umbelliferae	Chermezon, H.	2	9	1133-1157	*135-136*	Aug 1923
Vacciniaceae	Dop, P.	3	6	698-714	*80(1-7)*	Feb 1930
Valerianaceae	Arènes, J.	3	4	443-446	*36(1-12)*	Mai 1924
Verbenaceae	Dop, P.	4	7	774-896	*84-92*	Aug 1935
Violaceae	Boissieu, H. de	1	2	206-208		Oct 1908
Violaceae	Boissieu, H. de	1	3	209-218	*19-20*	Mai 1909
Violaceae	Gagnepain, F.	1 (Suppl)	2	173-197	*17-18*	Feb 1939
Xanthophyllaceae	Gagnepain, F.	1	3	242-247	*pl. XVIII-B*	Mai 1909
Xanthophyllaceae	Gagnepain, F.	1 (Suppl)	2	217-224	*21*	Feb 1939
Xyridaceae	Malme, G. O.	6	7	841		Jun 1937
Xyridaceae	Malme, G. O.	6	6	832-840	*83*	Nov 1934
Zingiberaceae	Gagnepain, F.	6	1	25-121	*8-11, pl. II, IIIA-E*	Feb 1908
Zygophyllaceae	Tardieu-Blot, M.	1 (Suppl)	4	544-547		Dec 1945

Ref.: Baird, Amer. midl. Natural. 20(1): 245-247. 1938 (correlation of water-colors of violets and the names used by Leconte with the names used by Ezra Brainerd).

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NOTE: L. usually wrote his name John Leconte; however the full name John Eatton Leconte is to be preferred to avoid bibliographical confusion with e.g. John LeConte (1818-1891) (nephew), and John Lawrence LeConte (1825-1883). The family name has also been spelled LeConte, Le Conte and Lecompte. We follow Rehn (1954) in accepting "John Eatton Leconte". – See Barnhart (1917) for a list of L's botanical works (with precise dates) and for the attribution of a "Catalogue of the flora in Georgia" to him.

EPONYMY: *Lecontea* A. Richard ex A. P. de Candolle (1830).

Lecoq, Henri (1802-1871), French botanist; professor of natural history and director of the botanic garden at Clemont-Ferrand from 1826, until 1854 as municipal professor, from then on as professor of natural history at the Faculté des Sciences, later University. (*Lecoq*).

HERBARIUM and TYPES: Musée Lecoq, Clermont-Ferrand.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(2): 513; BL 2: 111, 136, 680; BM 3: 1076; Bossert p. 231; CSP 3: 919-921, 8: 185-186, 12: 435; Hortus 3: 1198 ("Lecoq"); IH 2: 422; Jackson p. 570; Kew 3: 393; Langman p. 433; LS 15080-15081; Moebius p. 55; PR 5121-5131 (ed. 1: 5625-5634); Quenstedt p. 255; Rehder 5: 946; TL-2/1: 809; Tucker 1: 418.

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COMPOSITE WORKS: (1) edited *Revue horticole*, années 1857-1858.
(2) *Botanique*, in Déribier-du-Chatelet, J. B., *Dictionnaire statistique . . . du Cantal* 1: 453-510. 1852 (see BL 2: 136).

NOTE: Lecoq was also a skilled and elegant popular writer on botany: e.g. *Le monde des fleurs*, botanique pittoresque, Paris (J. Rothschild) 1870. 508 p., see Bull. Soc. bot. France 17(bibl.): 37. 1870.

EPONYMY: *Lecokia* A. P. de Candolle (1829, "Les bizarreries de l'orthographe m'ont obligé à modifier un peu la désinence du nom pour le latiniser.").

4277. *Dictionnaire raisonné des termes de botanique* et des familles naturelles, contenant l'étymologie et la description détaillée de tous les organes, leur synonymie, et la définition des adjectifs qui servent à les décrire; suivi d'un vocabulaire des termes grecs et latins les plus généralement employés dans la glossologie botanique. Par H. Lecoq, . . . et J. Juillet, . . . À Paris (Chez J.-B. Baillière, . . .), Londres (même maison, . . .), Clermont-Ferrand (Chez Thibaud-Landriot) 1831. Oct. (*Dict. rais. term. bot.*).
Co-author: Jules Juillet.
Publ. : 1831 (p. xii: 4 Jan 1830), p. [i]-xix, [1]-719. *Copies*: G, NY, USDA.

4278. *Catalogue raisonné des plantes vasculaires du Plateau Central* de la France. Comprenant l'Auvergne, le Velay, la Lozère, les Cévennes, une partie du Bourbonnais et du Vivarais par Henri Lecoq, . . . et Martial Lamotte, . . . Paris (Victor Masson, . . .), Leipzig (même maison, chez L. Michelsen) 1847. Oct. (*Cat. pl. Plateau Central*).
Co-author: Martial Lamotte (1820-1883).
Publ.: 1848 (t.p. 1847; however, orig. cover dated 1848), p. [1]-440. *Copies*: G, MO, NY. – Ann. Sci. Auvergne 20: 101-527. 1847.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 6: 690-695, 705-708. 1848.

4279. *Études sur la géographie botanique de l'Europe* et en particulier sur la végétation du plateau central de la France; . . . À Paris (Chez J.-B. Baillière, . . .), Londres (chez H. Baillière, . . .), New York (chez H. Baillière, . . .), Madrid (chez C. Baillière, . . .) 1854-1858, 9 vols. Oct. (*Étud. géogr. bot. Eur.*).

1: Feb-Jun 1854 (p. xii: 15 Jan 1854; BSbF rd. 28 Jun 1854), p. [i]-xv, [1]-521.
2: Jun 1854 (p. [viii]: 31 Mai 1854; BSbF rd. 12 Jul 1854), frontisp., p. [i]-vii, [viii], [1]-510.
3: 1854 (BSbF rd. 13 Apr 1855), p. [i]-viii, [1]-516.
4: Jan-Jul 1855 (BSbF rd. 13 Jul 1855), p. [i]-vii, [1]-536.
5: 1 Nov-12 Dec 1856 (p. [viii]: 1 Nov 1856; BSbF rd. 12 Dec 1856), p. [i]-vii, [viii], [1]-603.
6: Jan-Apr 1857 (BSbF rd. 24 Apr 1857), p. [i]-vii, [1]-480.
7: Jan-Jul 1857 (BSbF rd. 24 Jul 1857), p. [i]-vii, [1]-601.
8: Jan-Mar 1858 (BSbF rd. 12 Mar 1858), p. [i]-vii, [1]-623.
9: 30 Jun-13 Jul 1858 (p. vi: 30 Jun 1858; BSbF rd. 13 Jul 1858), p. [i]-viii, [1]-559, *pl. 1-2* (map.).
Copies: MO, NY.

Lecoyer, Joseph-Cyprien (1835-1899), Belgian botanist; high school teacher at Neufchâteau, Wavre and Ath; retired at Beauwelz. (*Lecoy.*).

HERBARIUM and TYPES: BR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 358; BL 2: 37, 680; CSP 12: 435, 16: 665; DTS 1: 167; IH 2: 422; Kew 3: 393; Langman p. 434; MW p. 263; Tucker 1: 418.
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4280. *Monographie du genre Thalictrum.* Gand (Imprimerie C. Annoot-Braeckman, Ad. Hoste, Succ.r.) 1885. Oct. (*Monogr. Thalictrum*).
Publ.: late 1885 (Nat. Nov. Mai(1) 1886; Bot. Zeit. 28 Mai 1886), p. [1]-249, *pl. 1-5*, [1, err.]. *Copies*: G; IDC 1014. – Reprinted from Bull. Soc. roy. Bot. Belg. 24: [78]-324, *pl. 1-5*, [1, err.]. 1885.

Ledebour, Carl [Karl] **Friedrich von** (1785-1851), German botanist (born at Stralsund, then Swedish Pomerania); Dr. phil. Greifswald 1805; studied and resided in Greifswald and Stockholm 1805-1811; professor of botany in Dorpat 1811-1836; travelled widely in Russia and the Altai region with Meyer and Bunge; retired 1836 to Heidelberg to work at his *Flora rossica*; ultimately in München 1844-1851. (*Ledeb.*).

HERBARIUM and TYPES: Ledebour's herbarium and original material for the *Flora rossica* are in the Russian herbarium of LE. Duplicates are in many herbaria, e.g. UPS (Thunberg); the types are mainly in LE.
Ref.: Anon., Bull. Soc. bot. France 3: 383. 1856.

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(2) Collaborated in E. Eichwald, *Pl. nov.* 1831-1833 (TL2/1652).

HANDWRITING: (1) K. Sv. Vet.-Akad. Handl. ser. 3. 5(1): 7, fig. 1(11); (2) Festschrift 500-Jahrfeier Univ. Greifswald 2: 550. 1956; (3) Candollea 31: 321-322. 1976.

EPONYMY: *Ledebouria* A. W. Roth (1821); *Ledebouriella* H. Wolff (1910); *Ledeburia* [sic] Link (1821).

4281. *Dissertatio botanica sistens plantarum domingensium decadem* quam condensu ampliss. ordinis philosophici, publico bonorum judicio submittunt Carol. Frider. Ledebour . . . et Joh. Patric. Alderstam, nobilis Gothoburgensis, in aud. min. die 18 Maii 1805. h.a.m.s. Gryphiae [Greifswald], (litteris J. H. Eckhardt, . . .) s.d. [1805]. Qu. (*Diss. bot. pl. doming.*).
Co-author: Johann Patricius Alderstam (possibly only opponens).
Publ.: 18 Mai 1805, p. [1]-27. *Copy*: M. – Description of ten plants from Domingo from the herbarium (then at Greifswald) of Carl Asmund Rudolphi (1771-1832).

4282. *Monographia generis Paridum* qua ad scholas audiendas invitat D. C. F. Ledebour. Cum tabula aenea. Dorpat, (ex officina academica J. C. Schuenmanni.) 1827. Fol. (*Monogr. Parid.*).
Publ.: 1827 (p. [ii]: 22 Feb 1827), p. [i]-x, *1 pl.* (uncol. lith.). *Copy*: M.

4283. *Flora altaica.* Scripsit d. Carolus Fridericus a Ledebour, . . . adiutoribus d. Car. Ant. Meyer et d. Al. a Bunge, . . . Berolini [Berlin], (typis et impensis G. Reimeri.) 1829-1833, 4 vols. Oct. (*Fl. altaic.*).
Collaborators: Carl Anton Meyer (1795-1855); Alexander Andrejewitsch von Bunge (1803-1890).

1: Nov-Dec 1829, p. [i]-xxiv, [1]-440.
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Suppl. [*1*]: A. A. v. Bunge, *Verzeichniss der im Jahre 1832 in östlichen Theile des Altai-Gebirges gesammelten Pflanzen*, Mém. Acad. Sci. St. Petersburg (Sav. étrang.) 2: 523-610. 1835; reprinted St. Petersburg 1836, 114 p. (see TR 198).
Suppl. [*2*]: H. G. Bongard et C. A. Meyer, *Verzeichniss der im Jahre 1838 am Saisang-Nor und am Irtysch gesammelten Pflanzen*, Mém. Acad. Sci. St. Petersburg ser. 6. Sci. nat. 4: 157-246. 1845; preprinted St. Petersburg 1841, 90 p., 16 pl. (see TR 150).

4284. *Icones plantarum* novarum vel imperfecte cognitarum floram rossicam, imprimis altaicam, illustrantes edidit Carolus Fridericus a Ledebour, . . . Rigae (apud I. Deubner), Londini, Parisiis et Argentorati (apud Treuttel et Würtz), Bruxellae (in Libraria Parisiensi) 1829-1835, 5 centuriae. Fol. (*Icon. pl.*).

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2: p. [1]-28, [1-2, index], *pl. 101-200.*
3: p. [1]-28, [1-2, index], *pl. 201-300.*
4: p. [1]-26, [1-2, index], *pl. 301-400.*
5: p. [1]-28, [1-8, indices], *pl. 401-500.*

vol.	*plates*	dates	vol.	*plates*	dates
1	*1-100*	Mai-Dec 1829	4	*301-400*	late 1833
2	*101-200*	late 1830			or Jan-Jun 1834
3(1)	*201-250*	1831	5	*401-500*	Jul-Oct 1834
(2)	*251-300*	Mai-Jun 1832			

Copies: G, MICH, MO, NY. – All volumes published in two parts of *50 pl.* each; the lithographed plates are stated to be coloured in some copies (none seen by us). For artists see NI.
Facsimile ed.: Lehre (J. Cramer) 1968, ISBN 3-7682-0567-3, p. [i-iv], followed by facsimile in which on 1: (iv) a bibliographical note by F. A. Stafleu. *Copy*: FAS.
Ref.: Stafleu, F. A., Ledebour's Icones plantarum novarum, *in* facsimile edition Lehre 1968, Historiae naturalis classica 70 (see also Taxon 18: 458. 1969).
Correspondence Ledebour – W. J. Hooker, at Kew.

4285. *Flora rossica* sive enumeratio plantarum in totius imperii rossici provinciis europaeis, asiaticis, et americanis hucusque observatarum . . . Stuttgartiae (Sumptibus librariae E. Schweizerbart) [1841] 1842-1853, 4 vols. Oct. (*Fl. ross.*).

1: 1841-1843, p. [i*, iii*], [i]-xvi, [1*]-22* conspectus, [1]-790, map.
2: 1843-1846, p. [i*], [i]-vi, [1]-461, [1]-13 conspectus, [463]-937, [1]-12 conspectus.
3: 1847-1851, p. [i-iii], [1]-492, [1]-13 conspectus, [i], [493]-866, [1]-8, conspectus.
4: 1852-1853, p. [i], [1]-741, [1]-16 conspectus.
Copies: G, MO; IDC 6009.

vol.	part	pages	conspectus pages	dates	dates of rec. by Hinrichs
1	1	[i]-xvi, [1]-240	1-8	1841, sero	
	2	241-480, [i]	9-16	1-8 Oct 1842	5-8 Oct 1843
	3	481-790	17-22	Mar-Apr 1843	18 Apr 1843
2(1)	4	[1]-204		Sep 1843	
	5	205-462		Jul 1844	23-25 Oct 1844
2(2)	6	463-718	1-13	Jun 1845	1-3 Sep 1845
	7	719-937	ii, 1-12; Fl. ross. Fontes i-vi; [i*]	Aug 1846	1-5 Aug 1846
3(1)	8	[1]-256		Oct 1847	29 Sep-2 Oct 1847
	9	257-492, [i-iii]	1-13	Jun 1849	

vol.	part	pages	conspectus pages	dates	dates of rec. by Hinrichs
3(2)	10	493-684	1-4	Nov 1850	27-30 Nov 1850
	11	685-866	5-8	Dec 1851	1-3 Jan 1852
4	12	[1]-240		Apr 1852	10-11 Mai 1852
	13	241-464		Sep 1852	14-15 Oct 1852
	14	465-741, [i]	1-16	Jun 1853	7-8 Jul 1853

Grisebach is the author of the Gramineae (some types at GOET) (G. Wagenitz, in litt.); Eduard Fenzl of the treatments of *Gypsophyla*, Alsineae, Paronychieae, Portulacaceae, Phytolaccaceae, Salsolaceae and Amarantaceae, (H. W. Reichardt, Leopoldina 18: 150. 1880); A. von Bunge of *Pedicularis*; E. H. F. Meyer of *Juncaceae*; L. C. Treviranus of *Carex*. – Ledebour died 4 Jul 1851; parts 11-14 were prepared for the press by Grisebach (1814-1879) and other collegues.

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Bourdeille, Bull. Soc. imp. Natural. Moscou ser. 2. 6: 378. 1893.
Junk, Rara 65. 1900-1912.

4286. *Commentarius in J. G. Gmelini Floram sibiricam* [Regensburg 1841]. Qu. (*Comment. Gmel. Fl. sibir.*).
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4287. *Ueber Pugionium cornutum*. Gaertn. Von Dr. C. F. v. Ledebour [München 1844]. Qu.
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Ledermüller, Martin Frobenius (1719-1769), German "Justizrath" and naturalist at Bayreuth and Nürnberg. (*Lederm.*).

HERBARIUM and TYPES: Unknown.

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Fries, Th. M., Bref Skrifv. Linné 1(2): 249. 1908.
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4288. Martin Frobenius Ledermüllers, . . . *Mikroskopische Gemüths- und Augenergötzung*: bestehend, in ein Hundert nach der Natur gezeichneten und mit Farben erleuchteten Kupfertafeln, sammt deren Erklärung. Verlegt von Adam WolffgangWinterschmidt, Kupferstecher in Nürnberg, gedruckt von Christian de Lamoy. [Nürnberg] [1759-] 1763. Qu. (*Mikrosk. Augenergötz.*).
Publ.: In monthly issues, presumably of 10 pl. each, of which the precise dates are incompletely known: *Main work*: col. engr. front., p. [i-xvi], [1]-96, [1-2], 97-204, [1-2], *pl. 1-100*; *Nachleese*: front., [i-xvi], [1]-94, *pl. 1-50*, [1-2]. Publication took place as follows (information C. A. Oudemans; not complete):
Main work: p. [1]-96, *pl. 1-50*. 1759, in five (?) parts p. [97]-206, *pl. 51-100*, in five (?) parts Jan-Mai 1761.
Nachleese: I. Sammlung, p. [1]-20, *pl. 1-10*. 10 Apr 1762.
II. Sammlung, p. 21-40, *pl. 11-20* shortly after 3 Mai 1762.
III. Sammlung, p. 41-54, *pl. 21-30*, probably Nov 1762.
IV. Sammlung, p. 79-94, *pl. 40-50*, probably Sep 1763.
Preface material Main work: t.p. after 1 Sep 1763 [v?-xvi]: preface material.
Nachleese: t.p. 1762, other p. [v?-xvi]. 1763.

Copies: NY, Teyler (with unpubl. information by C. A. Oudemans). – These copies do not contain the *Abgenoethigte Verteidigung* Nürnberg 1765 (n.v.) (see French translation "Réponse...".

French translation: 1764-1768, *Amusement microscopique* tant pour l'esprit, que pour les yeux; contenant cinquante estampes dessine'es d'apre's nature et enlumine'es, avec leurs explications ... Nuremberg (Adam Wolfgang Winterschmidt) 1764[-1768]. Qu. *Copy*: UC (inf. D. E. Johnson).

1: 1764, p. [i]-[viii], [1]-126, [1-2, adv.], [1-2, cont.], title as above.

2: 1766, p. [1]-138, [1-2, cont.], "Deuxième cinquantaine des amusemens microscopiques ...".

3: 1768, p. [i]-[viii], [1]-118, [1-2, cont.]. "Troisième ...".

[*4*]: 1768, p. [1]-23, [1, adv.], *pl. 1* (col.). "Réponse de Martin Frobe'ene Ledermüller à quelques objections et doutes...".

Plates: [no t.p. in UC copy]: frontisp., *pl. i-c*, *pl. i-l*, [1, unnumbered].

Dutch translation: 1776, Mikroskoopische Vermaaklijkheden, zo voor de oogen als voor den geest, behelzende de afbeeldingen van veelerley voorwerpen, zo van dierlyke lichaamen, als van planten en delfstoffen, die geheel of gedeeltelijk ten naauwkeurigste onderzogt, en in sterke vergrooting met hunne natuurlijke kleuren afgebeeld, als ook omstandig beschreven zijn ... In 't Nederduitsch vertaald en uitgegeven: Te Amsterdam, bij de Erven van F. Houttuyn. 1776 4 vols. Qu. *Copy*: U.

1: 1776, p. [i-viii], [1]-78, *pl. 1-50* (handcol. copper engr. auct.).

2: 1776, p. [i, iii], [1]-88, *pl. 51-100* (id.).

3: 1776, p. [i, iii], [1]-80, *pl. 1-50* (id.).

4: 1776, p. [i, iii], [1]-58, [1-12, index], *pl. 1-6*, *1-6*, *1-2*, [*1*], *1-8*.

Second edition of German original: Nürnberg 1802 (n.v., fide Spiess).

Lee, James (1715-1795), British nurseryman; partner with J. Kennedy at Vineyard nursery at Hammersmith; introduced plants from America and the Cape (introduced e.g. *Fuchsia coccinea*); correspondent of Linnaeus. (*J. Lee*).

HERBARIUM and TYPES: Unknown. Correspondence with J. E. Smith at LINN.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 319-320; Barnhart 2: 360; BB p. 184; BM 3: 1078; Bossert p. 232; Dawson p. 526, 942; Desmond p. 378-379; DNB 32: 357-358; Dryander 3: 20, 100, 5: 320; Henrey 2: 726, 3: 72-73; Jackson p. 36, 571; Kew p. 395; Plesch p. 303; PR 5148 (ed. 1: 5656-5657); Rehder 5: 497; SO 453, 462, 2188-2192, 2548a.

Anon., Flora 8: 463-464. 1825; Gard. Chron. 1881(2): 330-331. (in notice on Lisson Charles Lee, 1808-1881).

Berkeley, E. & D. Smith Berkeley, Dr. John Mitchell 235-236, 241, 245-246. 1974.

Darlington, W., Memorials 395. 1849.

Fries, Th. M., Bref Skrifv. Linné 1(3): 72, 74. 1909, 1(7): 187. 1917.

Loudon, J. C., Arbor. frutic. brit. 1: 78. 1838.

Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 567. 1963.

Smith, J. E., Memoir and Correspondence 2: 117, 183. 1832.

Webber, R., Early horticulturists 91-100. 1968 (potr.) (fide Desmond).

Willson, E. J., James Lee and the vineyard nursery Hammersmith. London (Hammersmith Local History Group) 1961 (portr.).

Witte, H., Floralia ix, x. De Fuchsia, 's Gravenhage 1882, p. 11-17 (story of Lee's acquisition of *Fuchsia coccinea*; very likely apocryphal).

EPONYMY: *Leea* D. van Royen ex Linnaeus (1767, *nom. cons.*); *Leeoxylen* U. Prakash & R. Dayal (1964). *Note*: *Leeina* Petrak (1923) is dedicated to Henry Atherton Lee (1894-x), American mycologist.

4289. *An introduction to botany*. Containing an explanation of the theory of that science, and an interpretation of its technical terms. Extracted from the works of Dr. Linnaeus, and calculated to assist such as may be desirous of studying that author's method and improvements. With twelve copper plates, and two explanatory tables. To which is added an appendix; containing upwards of two thousand English names of plants, referred to their proper titles in the Linnaean system. By James Lee, Nursery Man, at the Vineyard, at

Hammersmith. London: (printed for J. and R. Tonson, in the Strand) 1760. Oct. (*Intr. bot.*).
Publ.: Edition 1-6, 1760-1794 by James Lee; eds. 7-8 by Charles Stewart, [9-9a] by James Lee Jr. (1754-1824).

Ed. [*1*]: Apr 1760 (Gent. Mag.), p. [i]-xvi, [1]-320, *pl. 1-12* with text (uncol. copp.). *Copies*: NY, USDA.
Ed. 2: 1765, p. [i]-xv, [i]-iv, [1]-332, 449-479, *pl. 1-12* (id.). *Copy*: NY. – "The second edition. To which is added a glossary." London (id.) 1765. Oct. – See Jackson and Wiltshear on the discrepancy in the pagination.
Ed. 3: 1776, p. [i]-xxiv, [1]-432, *pl. 1-12* (id.). *Copies*: BR, MO, NY, USDA. – "*An introduction* . . . science; extracted from the works of Dr. Linnaeus; with twelve copper-plates, two explanatory tables, an appendix and glossary. The third edition, corrected, with large additions . . ." London (Printed for J. F. and C. Rivington, L. Davis, B. White, S. Crowder, G. Robinson, T. Cadell, and R. Baldwin.) 1776. Oct. – Contains a translation of Linnaeus's *Termini botanici*.
Ed. 4: 1788, p. [i]-xxiv, [1]-434, *pl. 1-12* (id.). *Copies*: MO, NY. "[as ed. 3] . . . The fourth edition . . ." London (printed for J. F. and C. Rivington, L. Davis, B. White, and son, S. Crowder, C. Dilly, C. G. J. and J. Robinson, T. Cadell, and R. Baldwin.) 1788. Oct.
Ed. 5: 1794, p. [i]-xxiv, [1]-434, *pl. 1-12* (id.). *Copies*: G, NY, USDA. "[as ed. 3] . . . The fifth edition, corrected . . ." London (printed for S. Crowder, C. Dilly, C. G. and J. Robinson, T. Cadell, R. Baldwin, S. Hayes, F. and C. Rivington, B. and J. White, Ogilvie and Speare, and Vernor and Hood.) 1794. Oct.
Ed. "*4*": "London 1796" mentioned by Jackson (p. 36), does not exist, see Henrey 957.
Ed. 6: 1796, p. xiii, [iii], 374, *pl. 1-12*, Edinburgh (James Symington). n.v., see Henry 957.
Ed. [*7*] "*New edition*": 1799, p. [i]-xii, [xiv-xvi], [1]-374. *Copy*: MICH. – ". . . New edition, improved, corrected and enlarged; in which the arrangement of the classes and orders is rectified; the newly discovered genera added, from the last edition of the Systema naturae; the appendix is also amended and enlarged; and many trivial names supplied, particularly of West India plants. By Charles Stewart, . . ." Edinburgh (printed for Wm. Creech, and J. Symington; and T. Cadell, and W. Davies, London) 1799. Oct. (in fours). The Appendix to this edition was "amended and enlarged and many trivial names supplied, particularly of West Indian plants." (see also Wheldon & Wesley Cat. 131, 1974, no. 1168).
Ed. [*8*] "*New edition*": 1806, Edinburgh (Mundell,Doig & Stevenson), xiii, [iii], 400, *pl. 1-12*, n.v., see Henrey 957.
Ed. [*9*]: 20 Dec 1809 (plates), but book after 1 Mai 1810 (dedication p. iii). – "*An introduction to the science of botany*, . . . to which are added several new tables and notes, and a life of the author [by Robert John Thornton] . . ." Fourth edition, corrected and enlarged, by Mr. James Lee, son and successor to the author. London (printed for F. C. and J. Rivington; Wilkie and Robinson. . .) 1810. Oct., front. portr., p. [i]-xxiv, [1]-580, *pl. 1-12* (uncol. copper engr. published 20 Dec 1809; drawn by Henderson). *Copy*: Zool. Mus. Amsterdam.
Ed. [*9a*]. – "Ed. 4. corrected and enlarged", as ed. 9, but with cancel t.p. and a leaf with page numbers 'xv-xvi' and xvii-xviii, inserted in place of xv-xviii (see Henrey 961), front., p. [i]-xxiv, [1]-580, *pl. 1-12*. *Copy*: AMD.

The original work constituted the first treatise of the Linnaean system in England. To what extent it was a translation, by E. W. Gray, of Linnaeus's *Philosophia botanica* is not clear to us (see Wiltshear 1915).
Ref.: Sherborn, C. D., J. Soc. Bibl. nat. Hist. 1: 141. 1760.
Jackson, B. D., J. Bot. 53: 66-67. 1915.
Wiltshear, F. G., J. Bot. 53: 112. 1915.

4290. *Catalogue of plants and seeds*, sold by Kennedy and Lee, nursery and seedsmen, at the Vineyard, Hammersmith. London (Sold by S. Hooper, . . .) 1774. Oct. (*Cat. pl. seeds*).
Co-author: John Kennedy (1759-1842).
Publ.: 1774, 76 p. *Copy*: Hammersmith Public library (see Willson (1961) (n.v.).

Lee, John Ramsay (1868-1959), Scottish cashier and amateur botanist at Glasgow. (*J. R. Lee*).

HERBARIUM and TYPES: GL.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 292, 296, 300, 309, 690; Desmond p. 379; IH 2: 423. Kew 3: 395.
Anon., Glasgow Naturalist 17(1): 31. 1951 (portr.).
Crundwell, Trans. Brit. bryol. Soc. 3(4): 640. 1959; Glasgow Naturalist 18(2): 111-114. 1959 (bibl.).
Mackechnie, Proc. bot. Soc. Brit. Isles 4(1): 104-105. 1960.
Walton et al., Glasgow Naturalist 18(1): 31-36. 1958 (tributes 80th birthday; portr.).

4291. *Flora of the Clyde area* a handbook of the flowering plants and ferns occuring wild or established within the drainage area of the river and firth of Clyde by John R. Lee. Glasgow (John Smith & Son (Glasgow) Ltd.) 1933. Oct. (*Fl. Clyde*).
Publ.: before Jul 1933 (J. Bot. 1933; Nat. Nov. Sep 1933), p. [i]-xvi, [1]-391. *Copy*: MO. – Replaces Hennedy, *Clydesdale Flora* (eds. 1-5, 1865-1891) (TL-2/2640). – See also Rehder 5: xxi for his *Plants of the Kenmuir district of the Clyde* (1898).
Ref.: Matthews, J. Bot. 71: 202-204. 1933.

Lee, Sun-Ching (1892-x), Chinese botanist at the Peking teacher's college. (*S. C. Lee*).

HERBARIUM and TYPES: PE.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 360; Hirsch p. 171; IH 2: 423; Kew 3: 396; MW p. 264, suppl. p. 195; TL-2/1: see Bowdich, S.

4292. *Forest botany of China* . . . Shanghai, China (The Commercial Press, Limited) 1935. Oct. (*Forest bot. China*).
Publ.: 1935 (p. vii: Mar 1934), p. [i*], [i]-xlvii, [1]-991, [1, colof.], *pl. 1-272*. *Copies*: MO, USDA.
Suppl.: 30 Nov 1973, p. [i*], i-xi, 1-477. *Copy*: MO. – Taipei, Taiwan.

Leers, Johann Daniel (1727-1774), German botanist and pharmacist; born at Wunsiedel nr. Bayreuth; from 1755 owner of the academic pharmacy at Herborn, Nassau. (*Leers*).

HERBARIUM and TYPES: Unknown. Part of the herbarium was acquired by G. F. Hoffman, but destroyed in the Moscow fire of 1812.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 12; Backer p. 320; Barnhart 2: 361; BM 3: 1079; Dryander 3: 157, 5: 320; Frank 3(Anh.): 56; GR p. 28; Hortus 3: 1198 ("Leers"); Jackson p. 305; Kew 3: 397; LS 15089; NI 1162; PR 5149 (ed. 1: 5658); Rehder 5: 497; SO 665; Tucker 1: 418.
Jung, W., Flora des Herzogtums Nassau x. 1832.
Leers, H. P., *in* Leers, Flora herbornensis ed. 2, cura Willdenow, p. xiii-xxiv, also in ed. 1, on unnumbered pages.
Meusel, Lexikon teut. Schriftst. 8: 107. 1808.
Roth, Arch. Gesch. Naturw. Technik 2: 146-148. 1909.
Schmidt, Decheniana 105/106: 205-208. 1952.
Sprengel, K. P. J., Hist. rei. bot. 2: 471. 18.

EPONYMY: *Leersia* O. Swartz (1788, *nom. cons.*).

4293. Joannis Danielis Leers *Flora herbornensis* exhibens plantas circa Herbornam Nassoviorum crescentes, secundum systema sexuale Linneanum distributas, cum descriptionibus rariorum in primis graminum, propriisque observationibus et nomenclatura. Accesserunt graminum omnium indigenorum eorumque adfinium civ, auctoris manu ad vivum delineatae aerique incisae. Herbornae Nassoviorum (sumptibus auctoris) 1775. Oct. (*Fl. herborn.*).

Ed. 1: 1775 (p. [xvi]: Nov 1774; GGA 25 Mai 1776), p. [i*], [iii*-xxxii*], [i-iii]-lix, [lx, err.], [1]-288, [1-4, index], *pl. 1-16* (uncoloured copper engr. by the author). *Copies*: G, MO, US, USDA. – Published posthumously by Leers's son Heinrich Paul who provided a biography.

Editio altera: Berolini [Berlin] (impensis Christiani Friderici Himburgi), *publ.*: Apr 1789, p. [i] -lxxviii, [1]-289, [290, abbr.], [1-6, ind.], *pl. 1-16* (id.). *Copies*: G, MO, USDA; IDC 4010. – Biography by H. P. Leers on p. xiii-xxiv. *Editor*: Carl Ludwig Willdenow (1765-1812).
Editio nova: Herbornae et Gissae [Herborn and Giessen] (apud J. C. Krieger, Jun.) 1790, p. [i*-xxxii*], [i]-lix, [lx, err.], [1]-288, [1-4, index], *pl. 1-16. Copies*: MO, USDA. – Unchanged reissue of ed. 1, new t.p. only.

The plates were drawn and engraved by Leers himself; the copper plates are at the Landesbibliothek Wiesbaden. The plates were copied by Gilibert in his edition of Latourrette, Demonstr. bot., ed. 4, 1796 (TL-2/4229), and by Wilbrand 1819.
Ref.: Anon., [review], GGA 1776(1): 533. 25 Mai 1776.
Wilbrand, J. B., Handbuch der Botanik, Giessen 1819 (corrections and additions).
Hübener, Flora 22(2): 484-488. 1839 (on localities).
Linde, A. von der, Die Nassauer Drucke der k. Landesbibliothek zu Wiesbaden 1: 200, 989. 1882.
Roth, Arch. Gesch. Naturw. Technik 2: 146-148. 1909.

Lees, Edwin (1800-1887), British printer and stationer at Worcester who gave up business at an early stage and devoted himself exclusively to the natural history of the English Midlands. (*E. Lees*).

HERBARIUM and TYPES: Some material at MANCH; letters in Broome corr. at BM.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 102, 315; Barnhart 2: 361; BB p. 184-185; BL 2: 274, 319, 680; CSP 3: 925-926, 8: 189, 16: 674; Desmond p. 380 (q.v. for further biogr. refs.); DNB 32: 394; GR p. 376; Hortus 3: 1198 ("Lees"); IH 2: 424; Jackson p. 571; Kew 3: 398; LS 15091-15097; PR 5150-5151; Rehder 5: 497-498; Tucker 1: 418-419.
Anon., Bot. Not. 1888: 46; Naturalist 778: 372. 1921 (portr.); Proc. Linn. Soc. 1887/1888: 93. 1890.
Hawksworth, D. L. & M. R. D. Seaward, Lichenol. Brit. Isl. 20, 24, 109. 1977.
Kent, D. H., Hist. fl. Middlesex 22-23. 1975.
Mathews, J. Bot. 25: 384. 1887.
Riddelsdell, Fl. Gloucestershire cxxii-cxxiii. 1948.
Wade, A. E., Fl. Monmouthshire 11. 1970.
White, Ann. Bot., London, 1: 406-408. 1888 (bibl.).

NOTE: Lees published, under the name of Ambrose Florence, a "Strangers' Guide to the City and the Cathedral" [of Worcester] containing *A catalogue of plants growing wild in the vicinity of Worcester* (1820); as "Alwynus Malverine" he published popular articles on natural history in the Malvern News and Journal of which he was the editor from 1861 onward.

4294. *The botany of the Malvern Hills*, in the counties of Worcester, Hereford, and Gloucester; with the precise stations of the rarer plants, and introductory observations on the general features, geology, and natural history of the district . . . London (Tilt and Bogue, . . .) Malvern (H. Lamb) s.d. [1843]. Duod. (in sixes). (*Bot. Malvern Hills*).

Ed. 1: Jun-Nov 1843 (Bot. Zeit. 29 Dec 1843, p. viii: 12 Mai 1843), p. [i]-viii, [1]-64. *Copy*: NY.
Ed. 2: Sep-Dec 1852 (p. ii: Aug 1852), frontisp., [i*-ii*], [i]-ii, [1]-101. *Copy*: NY. – "Second edition, enlarged and corrected . . ." London (David Bogue, . . .) Malvern (H. Lamb and Son) s.d. Duod.
Ed. 3: Aug-Dec 1868 (p. viii: 31 Jul 1868), front., [i]-vii, [viii], [1]-166. *Copies*: MO, NY.

4295. *The botany of Worcestershire*, or the distribution of the indigenous & naturalized plants of that county, with descriptions of the most remarkable localities for botanical observation, including sketches of the physical geography of Worcestershire in four botanical districts, and a tabulated arrangement of plants, showing their frequent or rare occurrence in each division . . . Worcester: (printed for theWorcestershire Naturalists' Club.) 1867. Oct. (in fours). (*Bot. Worcestershire*).

Publ.: Aug-Dec 1867 (p. [iii*]: Jul 1867), map, p. [i*-iv*], [i]-xci, [1]-147, front., [1]-48, [49-50, err.]. *Copies*: MO, NY.
Ref.: BM 3: 1079.

Lees, Frederick Arnold (1847-1921), British physician and botanist at Leeds (1887-1921). (*F. Lees*).

HERBARIUM and TYPES: BM (p.p.; 2000), CMM (main herb., 25.000). Some further material at LCN and SLBI. Lees' library also went to CMM (now at Bradford Public Library). Mosses at MANCH.
Ref.: Seaward, Naturalist 1967: 77-80; 907: 133-135. 1970; 915: 125-129. 1970; 924: 35-36. 1973 (extensive details on Lincolnshire collections).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 361; BB p. 185; BL 2: 252, 254, 275, 276, 277, 278, 279, 680; BM 3: 1079; Clokie p. 198; CSP 8: 189, 10: 549-550, 12: 436, 16: 674; Desmond p. 380; GR p. 403; IH 2: 424 Jackson p. 571; Kew 3: 398; LS 15098-15099, 35911; Tucker 1: 419.
Britten, J. Bot. 60: 97-100. 1921 (portr.).
Davy, J. Bot. 31: 123-124. 1893 (criticism of Lees' *Outline flora of Lincolnshire*, publ. in White's *Directory for Lincolnshire*, see Comp. works).
Druce, G. C., Fl. Berkshire clxxxiii. 1897; Bot. Soc. Exch. Club Brit. Isles Rep. 6(3): 358-363. 1922.
Gibbons, E. J., Fl. Lincolnshire 57. 1975.
Hawksworth, D. L. & M. R. D. Seaward, Lichenol. Brit. Isl. 109-110, 198. 1977.
Lees, F. A., Description of the Lees herbarium and library, Bradford Public Library, 1910 (fide Britten 1922; autobiogr.).
Spalding, D. A. E., Sorby Record 2(4): 12-13. 1967 (n.v.).

COMPOSITE WORKS: (1) Edited: *The London catalogue of British mosses*, ed. 2, 1881 (originally issued by C. P. Hobkirk and H. Goswell).
(2) *Outline flora of Lincolnshire*, in W. White's *Directory for Lincolnshire*, Sheffield 1892, p. 37-63.
(3) Founder and editor of *Botanical Record Club*: phanerogamic and cryptogamic (1873: founded as *Botanical Locality Record Club*, 1879 *Botanical Record Club*), reports edited by Lees 1873-1886 (six issues).
(4) With James William Davis (1846-1893): *West Yorkshire*: an account of its geology . . . and botany, part 2, Physical geography and botanical topography. London 1878 (see BM 1: 428).

4296. *The flora of West Yorkshire* with a sketch of the climatology and lithology in connection therewith . . . London: (Lovell Reeve & Co., . . .) 1888. Oct. (*Fl. West Yorkshire*).

Ed. [*1*]: Jan-Mai 1888 (p. x: 31 Dec 1887; J. Bot. Jun 1888; Nat. Nov. Jul(2) 1888; Bot. Zeit. 29 Jun 1888), p. [i]-x, [1-3], [1], map, [3]-843, [1-4, subscribers]. *Copies*: G, USDA. – *A supplement to the Yorkshire floras*, edited by C. A. Cheetham and W. A. Sledge, London [1942], iv, 134 p. provides an updated list of vasc. plants and Characeae.
Ref.: Britten J., J. Bot. 26: 219-222. Jun 1888 (extensive review).

Lefébure, Louis F. Henri (1754-1839), French botanist; sous-préfet at Verdun until 1814. (*Lefeb.*).

HERBARIUM and TYPES: Unknown. Some material at PC(?).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 361; BM 3: 1080; Kew 3: 399; Moebius p. 291; PR 5155-5157 (ed. 1: 5679-5689); Rehder 5: 498; SO 805, 808; Tucker p. 419.
Fries, Th. M. J. M. Hulth, Bref Skrifv. Linné 1(7): 71. 1917.
O., Dict. sci. méd. 5: 564. 1882.
Pritzel, G. A., Linnaea 19: 456. 1847.

NOTE: We regret that our treatment of this authur is incomplete. For a list of titles attributed to him see PR ed. 1, nos. 5679-5689. All these titles appear to be rare.

4297. *Méthode signalementaire* pour servir à l'étude du nom des plantes, ou nouvelle manière d'apprendre à connaître le nom des plantes à leur première inspection, sans qu'il soit besoin d'avoir étudié aucun systême, et par un procédé qui exige à peine une heure d'étude. Par M. Louis Lefébure. De l' imprimerie de Richomme. À Paris, (chez Th. Desoer, libraire, . . .) 1814. Oct. (*Méth. signal.*).

[*1*]: 1814 p. [1]-96
2: 1814 p. [1]-8, [9-17, glossary and index].
3: 1815 p. [1]-30, [1, avis]. (PR cites 80 p. text).
Copies: B(1), BR(1, 2), G(1-3), USDA(1). – In a note on 1: 96 the author announces "tablettes mobiles" to accompany part 2. We have found no copy of these tables.

4298. *Concordance des trois systêmes* de Tournefort, Linnaeus et Jussieu, par le systême foliaire appliqué aux genres des plantes qui croissent spontanément dans le rayon de dix lieues autour de Paris; au moyen duquel on connaîtra sur-le-champ et simultanément le nom générique de ces plantes et leurs caractères classiques dans ces systêmes . . . deuxième édition. Imprimerie de Richomme. À Paris (Chez Th. Desoer, libraire, . . .) 1816. Oct. (*Concord. trois syst.*).
Publ.: 1816, p. [1]-75, [1-2, poem]. *Copies*: NY, USDA. – A first edition is not known to us.

4299. *Atlas botanique*, ou clef du Jardin de l'univers. [Paris (Treuttel et Würtz) 1817]. Oct. (*Atlas bot.*).
Publ.: 1817 (fide PR ed. 1), p. [1]-224. *Copy*: USDA. – This copy has on p. [1] a half title. It lacks the t.p. cited by PR with the full title: "Atlas botanique, ou clef du jardin de l'univers, d'apres les principes de Tournefort et de Linné rèunis." PR also cites a plate and (5682) a "clef du Jardin de l'univers . . . Prospectus", 4 p., *1 pl.* (n.v.).

4300. *Flore de Paris*, genera et species, ou première application faite du nouveau système floral aux plantes vivantes. Paris (Imprimerie de Casimir, . . .) 1835. Duod. (in sixes). (*Fl. Paris*).
Publ.: Mai 1835 (t.p. and cover), p. [i*-iii*], [i]-iv, [1]-84 one sided, 85-124. *Copies*: BR, G, NY, USDA. – Author's name not on t.p.; copies signed by author.

Lefèvre, Édouard (1839-1894), French botanist and entomologist; born at Chartres; to Indo-China 1856-1858 as civil engineer; from 1858 in the central administration of French public works. (*Lefèv.*).

HERBARIUM and TYPES: Indo-China material at P.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 148, 680; BM 3: 1080; CSP 8: 189, 10: 550, 12: 437, 16: 675-676; Kew 3: 399; PR 5158-5159; Tucker 1: 419.
Fairmaire, Ann. Soc. entomol. France 64: 121-126. 1895 (portr. bibl.).

4301. *Botanique du département d'Eure-et-Loir* par M. Éd. Lefèvre . . . Chartres (Petrot-Garnier, libraire . . .) 1866. Oct. (*Bot. Eure-et Loir*).
Publ.: 1866 (p. viii: 1 Jun 1866; BSbF rd. Feb-Apr 1867; rev. Mai 1867), cover, [i*-iii*], [i]-viii, [1]-310, [1, cont.]. *Copies*: B, G. – Includes cryptogams; for the musci Lefèvre was assisted by "M. Richard (de Chartres)". Published as Statistique scientifique, partie 1, Société archéologique d'Eure-et Loir.
Ref.: Lefèvre, Aperçu sur la flore de l'arrondissement de Chartres, Chartres, Jun 1859, suppl. 1860. (PR 5158) (50 copies) (copy of suppl. at NY; orig. n.v.).

Lefroy, Sir **John Henry** (1817-1890), British soldier, colonial administrator and botanist, governor of Bermuda 1872-1877, of Tasmania 1880-1882. (*Lefr.*).

HERBARIUM and TYPES: Main set of Bermuda plants at K; other set at GH; Tasmanian plants at LE (fide BB). Letters at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 362; BB p. 185; BM 3: 1080; CSP 3: 930, 10: 552, 16: 678; Desmond p. 380; DNB 32: 399-404; IH 2: 425; Kew 3: 399-400.
Hemsley, W. B., J. Bot. 21: 105. 1883.

Hooker, J. D., Proc. R. Geogr. Soc. 13(2): 115-122. 1891.
Lefroy, A. H. F., Trans. Canad. Inst. 2: 1-4. 1892.
Urban, I., Symb. ant. 1: 95. 1898, 3: 73. 1902.

4302. *The botany of Bermuda.* By General Sir John Lefroy, F. R. S., Athenaeum Club, London. – From Bulletin no. 25. U.S. National Museum. Washington (Government Printing Office) 1884. Oct. (*Bot. Bermuda*).
Publ.: Jun 1884, cover (with title as above), p. 33-141. *Copies*: NY, US. - Bull. U.S. Natl. Mus. 25: 33-141. 1884. – Botany part of *Contributions to the natural history of the Bermudas* (Bull. no. 25).

Le Gal, Marcelle Louise Fernande (1895-x), French mycologist at the Muséum d'Histoire naturelle, Paris; Dr. sci. nat. Paris 1944. (*Le Gal*).

HERBARIUM and TYPES: PC.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 68; Bossert p. 232; IH 2: 425; Kew 3: 400, Roon p. 68; Stevenson p. 1248.

EPONYMY: *Marcelleina* J. van Brummelen, R. P. Korf & M. A. Rifai (1967).

NOTE: Mme Le Gal's thesis, defended at Paris on 19 Mai 1944, *Recherches sur les ornementations sporales des discomycetes operculés*, published 1947 (Thèses Fac. Sci. Paris ser. A, no. 450) was reprinted as Bibliotheca mycologica vol. 28, 1970, by J. Cramer (Lehre, B. R. D.). The original text appeared also in Ann. Sci. nat. Bot. ser. 11. 8: 73-297. 1947.

Le Gall de Kerlinou, Nicolas Joseph Marie (1787-1860), French botanist; "conseiller à la Cour d'Appel de Rennes"; député d'Ille-et-Vilaine. (*Le Gall*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 143, 182, 680; BM 3: 1080; CSP 3: 930-931; Jackson p. 288; Kew 3: 400; Tucker 1: 419.

4303. *Flore du Morbihan*, . . . Vannes (Imprimerie de J.-M. Galles, . . .) 1852. Duod. (*Fl. Morbihan*).
Publ.: 1852, p. [i]-xxiv, [1]-839, [840, err.]. *Copies*: G, MO. – *Reissue*: 1857, n.v.

Legendre, Charles Valentin Alexandre (1841-1935), French botanist; founder (1889) of Société botanique du Limousin; founder and editor of *Le règne végétal* (1890-1892) ctd. as *Revue scientifique du Limousin* (1893-1909). (*Legendre*).

HERBARIUM and TYPES: Legendre owned a large private herbarium of Limousin plants; present location unknown. A herbarium given by "M. Legendre" was deposited at the office of the Linn. Soc. of Bordeaux on 20 Nov 1895.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 143, 159, 170, 680; CSP 16: 678; LS 15109-15111; 35913-35914; Plesch p. 304; Rehder 5: 499.
Anon., Bull. Acad. int. Géogr. bot. 18: 139. 1909 (bibl.).
Guillaumin, A., Bull. Soc. bot. France 82: 137. 1935.

4304. *Flore du Limousin* s.l.n.d. [Limoges (imp. Ve. H. Ducourtieux)] 1893-1895. Oct. (in fours). (*Fl. Limousin*).
Publ.: Published in 8 parts which were issued as supplements to *La Revue scientifique du Limousin* 1(11)-2(31) as follows (*copies*: G, MO.):
1: 15 Nov 1893, *Rev. sci. Limousin* 1(11): [1]-12.
2: 15 Jan 1894, ib. 2(13): [13]-20.
3: 15 Feb 1894, ib. 2(14): [21]-28.
4: 15 Apr 1894, ib. 2(16): 29-36.
5: 15 Mai 1894, ib. 2(17): 37-44.

6: 15 Jul 1894, ib. 2(19): 45-52.
7: 15 Apr 1895, ib. 3(28): 53-60.
8: 15 Jul 1895, ib. 2(31): 61-68.

4305. *Catalogue des plantes du Limousin* . . . Limoges (1: Imprimerie-librairie Ducourtieux & Gout, . . .; 2: Imprimerie A. Bontemps . . .) 1914-1922, 2 vols. Qu. (*Cat. pl. Limousin*).
1: 1914, p. [i], [1]-312 (G: 288).
2: 1922, p. [i], [1]-410
Copies: G, MICH. – Published as a supplement to *La Revue scientifique du Limousin*, 1913-1922.
Supplément: Limoges (Imprimerie de A. Bontemps . . .) [1925-] 1926, p. [i-ii], [1]-96. *Copy*: MO. – Originally published in *La Revue Scientifique du Limousin* nos. 328-334, 1925-1926.

Legget, William Henry (1816-1882), American botanist, B. Sc. Columbia 1837. (*Legg.*).

HERBARIUM and TYPES: NY; other material at BUF, K, MICH, MSC.

BIBLIOGRAPHY and BIOGRAPHY: Appleton 3: 679; Barnhart 2: 362; Bossert p. 232; CSP 12: 437; IH 2: 425; Jackson p. 221; Kew 3: 400; NW p. 51.
Anon., Bot. Not. 1883: 30.
Gerard, W. G., Bull. Torrey bot. Club 9: 60. 1882.
Leggett, W. H., Bull. Torrey bot. Club 1: 1. 1870 (prefatory).
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 164, 567, 906. 1963.
Hogg, T., Bull. Torrey bot. Club 9: 85-86. 1882.
Rickett, H. W., Index Bull. Torrey bot. Club 57-62. 1955.

COMPOSITE WORKS: First editor of the *Bulletin of the Torrey botanical Club*, vols. 1-9(3), Jan 1870-Mar 1882.

Legrand, Antoine (1839-1905), French botanist; civil servant with public works (road inspector) at Châteauroux (1860), Perpignan (1861), Saint-Étienne (1864) Montbrison (1866); at Bourges (1875) as "agent-voyer en chef de l'Aube. (*Legrand*).

HERBARIUM and TYPES: Unknown; IH mentions material from "A. Legrand" at BR, CGE, P and WAG.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 852; Barnhart 2: 362; BL 2: 104, 122, 104, 122, 130, 131, 138, 140, 171, 193, 680; BM 3: 1081; CSP 3: 932, 8: 192, 12: 437, 16: 682; Dryander 1: 79, 5: 321; Hortus 3: 1198 ("Legrand, A."); IH 2: 426; Jackson p. 283; Kew 3: 400; Langman p. 434; PFC 1: xlvi, 2(2): xvi; PR 5163; Rehder 5: 499; Saccardo 2: 62; Tucker 1: 419.
Anon., Le Monde des plantes 7: 74. 1898; Bull. Soc. bot. Deux-Sèvres 17: 60. 1905 (publ. 1906), 20: 291, *pl. 3*. 1909.
Flahault, C. H. M., Bull. Soc. bot. France 52: 388-395. 1905 (bibl.).
Husnot, P.T., Rev. bryol. 2(4-7): 104. 1875, 32(6): 115. 1905.
Mornet, Mém. Soc. hist. Cher 1906/7: 255 (n.v.).

COMPOSITE WORKS: *Compositae*, in H. J. Coste, *Fl. descr. France* 2: 280-352. 17 Jan 1903, 353-448. 12 Mai 1903, 448-479. 17 Aug 1903.

EPONYMY: *Legrandia* F. Stockmans (1968) is dedicated to R. Legrand, Belgian botanist. *Legrandia* Kausel (1944) is dedicated to Carlos Maria Diego Enrique Legrand (1901-x), Urugayan botanist.

4306. *Statistique botanique du Forez* . . . Saint-Étienne (Imprimerie de Ve Théolier et Ce, . . .) 1873. Oct. (*Statist. bot. Forez*).
Publ.: 1873 (p. 8: 31 Dec 1872), p. [1]-290. *Copy*: NY. – Reprinted from Ann. Soc. Agr. Industrie, Sci., Arts, Belles-Lettres Dép. Loire, vol. 17: 43-221, 298-418. 1873.
Supplément: Jun 1876, Saint-Étienne, 44 p. (n.v.), reprinted from id. 20: 273-317. 1876. – See Husnot, Rev. bryol. 4(2): 31. Mar-Apr 1877.
Ref.: Schultz, Bull. Soc. Bot. Belg. 14: 128-136. 1875 (critical notes).

4307. *Flore analytique du Berry* contenant toutes les plantes vasculaires spontanées ou cultivées en grand dans les départements de l'Indre & du Cher. Bourges (Soumard-Berneau . . .) 1887. Oct. (*Fl. anal. Berry*).
Ed. 1: Jul-Aug 1887 (Nat. Nov. Aug(1) 1887, Nov(1) 1887; Bot. Zeit. 26 Aug 1887; J. Bot. Sep 1887), p. [i]-lxvi, [1, h.t.], [1]-346, [1, cont.]. *Copy*: G.
Ed. 2: Jan-Mai 1894 (Nat. Nov. Jun(2) 1894; Bot. Zeit. 1 Nov 1894), p. [i]-xxix, [xxx, err.], [1, h.t.], [1]-430, [1, cont.]. *Copy*: G. – "2e édition." Bourges (Léon Renaud . . .) 1894. Oct.
Supplément à la Flore du Berry, s.l. 1900, p. [1]-82. *Copy*: G. – Reprinted from Mém. Soc. hist. Cher ser. 4. 15: 1-82. 1900.

Legré, Ludovic (1838-1904), French jurist and botanical historian, "bâtonnier de l'ordre des avocats de Marseille." (*Legré*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(3): 262; Barnhart 2: 362; BL 2: 192, 680; BM 3: 1081; Bossert p. 232; CSP 16: 683; Kew 3: 401; Plesch p. 304; Rehder 5: 499; Tucker 1: 419.
Anon., Bot. Not. 1905: 56.
Cavillier, F. G., Boissiera 5: 59-60. 1941.
Gerber, Bull. Soc. bot. France 51: clviii-clxvi. 1904. (bibl.).
Heckel, Rev. hort. Bouches-du-Rhône 1904: 95-99 (fide Cavillier).
Malinvaud, Bull. Soc. bot. France 51: 238-239. 1904.
Zeiller, Bull. Soc. bot. France 51: 209. 1904.

4308. La botanique en Provence au xvie siècle. *Pierre Pena et Mathias de Lobel.* Marseille (Typographie et lithographie Barlatier) 1899. Oct. (*Pena et Lobel*).
Publ.: 1899 (J. Bot. Feb 1899 states that publication took place in 1898; Bot. Zeit. 16 Feb 1899), p. [i]-viii, [1]-263. *Copy*: L.
Ref.: Legré, L., Bull. Soc. bot. France 44: sess. extr. xi-xlvii. 1897.
Jackson, B. D., J. Bot. 37: 88-92. 1899.

4309. La botanique en Provence au xvie siècle. *Léonard Rauwolf, Jacques Raynaudet.* Marseille (H. Aubertin & G. Rolle) 1900. Oct. (*Rauwolf, Raynaudet*).
Publ.: 1900 (Nat. Nov. Nov(2) 1900), p. [i]-x, [1]-147, [1, cont.]. *Copy*: L.

4310. La botanique en Provence au xvie siècle. *Les deux Bauhin/Jean-Henri Cherler et Valerand Dourez.* Marseille (H. Aubertin & G. Rolle) 1904. Oct. (*Deux Bauhin*).
Publ.: Jan-Apr 1904 (p. xi: 25 Dec 1903; Bot. Zeit. 16 Mai 1904), p. [i]-xi, [1]-117. *Copy*: L.

Legué, Alphonse Marie Léon (1841-1920), French botanist at Mondoubleau in Loir-et Cher. (*Legué*).

HERBARIUM and TYPES: P, PC.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 764; Barnhart 2: 362; BL 2: 171, 680; CSP 16: 683; IH 2: 426; LS 15114-15115; Rehder 5: 499; Tucker 1: 420.
Anon., Bull. Soc. bot. Deux-Sèvres 21: 322, *pl. 2.* 1910 (portr., signature).
Bois, Bull. Soc. bot. France 67: 398. 1920.

4311. *Catalogue des plantes* vasculaires qui croissent naturellement dans le canton *de Mondoubleau* . . . Paris-Auteuil (Imprimerie des Apprentis-Orphelins-Roussel, . . .) 1891. 18-mo. (*Cat. pl. Mondoubleau*).
Publ.: Mar-Jul 1891 (p. x: 15 Feb 1891; Nat. Nov. (1) Aug 1891; Bot. Zeit. 30 Oct 1891), p. [i]-x, [1]-106. *Copies*: G, NY, USDA. – The NY copy has a cover with a sticker on top of the original imprint, Paris (Librairie des Sciences naturelles Paul Klincksieck . . .).

4312. *Catalogue* raisonné *des basidiomycètes* qui croissent autour *de Mondoubleau* dans les départements de Loir-et Cher, de la Sarthe & d'Eure-et Loir . . . Vendôme (Launay, imprimeur-éditeur . . .) 1908. (*Cat. basidiomyc. Mondoubleau*).

Publ.: 1908 (p. iii: 15 Apr 1908), p. [i*], [i]-viii, [1], [1]-192. *Copy*: Stevenson. Published originally in Bulletin de la Société Archéologique, scientifique et littéraire du Vendômois.

Le Héricher, Édouard (1812-1890), French archeologist, historian and botanist. (*Le Héricher*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 363; BL 2: 186, 680; BM 3: 1081; Jackson p. 10; Kew 3: 401; PR 5164; Tucker 1: 420.

4313. *Essai sur la flore populaire de Normandie et d'Angleterre* . . . Avranches (E. Tostain . . ., Auguste Anfray, . . .) Paris (J. B. Dumoulin, . . . Auguste Aubry, . . .) 1857. Oct. (*Essai fl. pop. Normandie*).
Publ.: 1857, p. [i-iv], [1]-103, additions [1]-14. *Copy*: NY. – Vernacular nomenclature.

4314. *Philologie de la flore scientifique et populaire de Normandie et d'Angleterre* . . . Coutances (Imprimerie de Salettes, . . .) s.d. [1883]. Oct. (*Philol. fl. Normandie*).
Publ.: Jan-Apr 1883 (Nat. Nov. Mai(1) 1883), p. [i]-viii, [1]-115. *Copy*: NY.

Lehmann, August (*fl.* 1869), German botanist; high school teacher at Torgau (on Elbe, Saxonia). (*A. Lehm.*).

HERBARIUM and TYPES: Unknown.

4315. Programm des Gymnasiums zu Torgau, mit welchem zu der Feier des Schröderschen Stiftungs-Actus am 21 März 1869 . . . Inhalt: 1) *Uebersicht der Flora von Torgau.* Von August Lehmann. 2) Nachrichten . . . Torgau (E. Tragmann's Druckerei) 1869. Qu. (*Uebers. Fl. Torgau*).
Publ.: on or shortly before 21 Mar 1869, p. [1]-13 (entire program [i], [1]-13, [14]-32). *Copy*: MO.

Lehmann, Eduard (also: Leman, Eduard Eduardovich) (1841-1902), Baltic-German (born at Riga) botanist and physician; studied at Dorpat 1860-1865; from 1866-1874 practicing physican); from 1874-1902 at Witebsk. (*Ed. Lehm.*).

HERBARIUM and TYPES: Unknown. – Herbarium specimens made by "A. Lehmann" stem from Alexander Lehmann (1814-1842), see IH 2: 426.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 758; Barnhart 2: 363; BM 3: 1087 (Leman, partly incorrect); Bossert p. 232; CSP 3: 935; Kew 3: 401; Lenley p. 261; LS 15117; Moebius p. 355; MW p. 264; Rehder 5: 499; TR 500, 758; Tucker 1: 420.
Ascherson, P. F. A., Verh. bot. Ver. Brandenburg 44: xxxv-xxxvii. 1903.
Kupffer, Acta Horti bot. Univ. imp. jurjev. 3: 210-215. 1902 (portr.); Korrespondenzbl. Naturf. Ver. Riga 45: 21-27. 1902.

NOTE: V. Mühlenbach, St. Louis, has drawn our attention to a possible confusion in various bibliographies with Ed. Lehmann, *fl.* 1903, author of e.g. *Materialien zur Flora des Kreises Biisk* im Gouvernement Tomsk, Kasan 1903 (copy: MO), and of the items mentioned by CSP 10: 554-555 and 16: 684.

4316. *Flora von Polnisch-Livland* mit besonderer Berücksichtigung der Florengebiete Nordwestrusslands, des Ostbalticums, der Gouvernements Pskow und St. Petersburg sowie der Verbreitung der Pflanzen durch Eisenbahnen . . . Jurjew (Dorpat). (Druck von C. Mattiesen) 1895. Oct. (*Fl. Poln.-Livl.*).
Publ.: Jul 1895 (p. ii: 27 Jun 1895 o.s.; p. xiii: Mar 1895; Nat. Nov. Nov(1), Dec (1, 2) 1895; Bot. Zeit. 1 Feb 1896), p. [i]-xiii, [1]-430, [1-2, err.], map. *Copies*: B, BR, NY. – Also published as Archiv für Naturkunde Liv-, Ehst- und Kurlands, ser. 2, vol. 11(1) (journal: Teyler). – Kuppfer (1902) cites 27 Mar 1895 o.s. (8 Apr 1895) as date of publ. The date of the censor, however, is 27 Jun 1895.

Nachtrag [I]: Feb 1897 (t.p. 1896; p. [2]: 7 Nov 1896 o.s.; Nat. Nov. Apr(1), Mai(1) 1897), p. [1]-124, [1, err.]. *Copies*: B, BR. – Also published as id. vol. 11(2): 433-557. – "*Nachtrag* (I) *zur Flora* . . . Mit einem Index generum als Anhang . . ." Jurjew (Dorpat) (id.) 1896. Oct.
Ref.: Lehmann, E., Arch. Naturk. Liv-, Ehst- und Kurlands ser. 2. 1: 519-580. 1859 (prelim. publ.).
Graebner, P., Bot. Jahrb. 21(Lit.): 10. 1896 (rev. main volume).
Engler, A., Bot. Jahrb. 26(Lit.): 47. 1899 (rev. Nachtrag).

Lehmann, Ernst (1880-1957), German botanist and geneticist at Tübingen, working with *Veronica* (*Ernst Lehm.*).

HERBARIUM and TYPES: TUB.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 363; BJI 2: 103; Bossert p. 233; Kew 3: 401-402; Langman p. 435; LS 15117; Moebius p. 355; MW p. 264.
Ewan, J. et al., Short hist. bot. U.S. 66. 1969.
Künkele, S., Jh. Ges. Naturk. Württemberg 125: 151. 1970 (herb.).

4317. *Geschichte und Geographie der Veronica-Gruppe Megasperma* . . . Stuttgart (E. Schweizerbart'sche Verlagsbuchhandlung (Erwin Nägele) G.m.b.H.) 1930 Qu. (*Gesch. Veronica*).
Publ.: Apr 1930 (J. Bot. Jun 1930; Nat. Nov. Apr 1930); p. [i-ii], [1]-55, *pl. 1*. *Copy*: BR. – Bibliotheca botanica Heft 99 (vol. 15).
Ref.: A. J. W(ilmott), J. Bot. 68: 189-190. 1930.

Lehmann, Friedrich (*fl.* 1886), German mycologist at Münster. (*F. Lehm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1081; CSP 16: 685; LS 15118.

4318. *Systematische Bearbeitung* der Pyrenomycetengattung *Lophiostoma* (Fr.) Ces. & DNtrs., mit Berücksichtigung der verwandten Gattungen *Glyphium*, (N.i.c.), *Lophium*, Fr., und *Mytilinidion*, Duby . . . Halle (Druck von E. Blochmann & Sohn in Dresden. Für die Akademie in Commission bei Wilh. Engelmann in Leipzig.) 1866. Qu. (*Lophiostoma*).
Publ.: 1886 (p. 6: Spring 1884; mss. submitted 7 Nov 1884; Bot. Zeit 29 Oct 1886; Flora Feb 1887), p. [1]-108, *pl. 8-13* (uncol. liths.). *Copy*: Stevenson. – Nova Acta Leop. 50(2): 47-152, *pl. 8-13*. 1886.

Lehmann, Johann Georg Christian (1792-1860), German botanist at Hamburg; town librarian and professor of natural history at the Hamburg Johanneum (Gymnasium academicum); director of the Hamburg botanical garden. (*Lehm.*).

HERBARIUM and TYPES: Lehmann's herbarium was sold in parts (per family). The greater part is now at S. Boraginaceae and *Nicotiana* were acquired by O. W. Sonder (now at MEL, information provided by A. B. Court); the algae are at HBG; bryophytes are at L, S and PC (through Montagne).
Ref.: Anon., Bot. Zeit. 18: 208. 1860 (note on sale herb.).
Otto, C. F., Gard. Chron. 1860: 362. (sale herb.).
Klatt, F. W., Bonplandia 8: 143. 1860 (sale herb.).
Steinberg, C., Webbia 32(1): 29. 1977.

BIBLIOGRAPHY and BIOGRAPHY: ADB 18: 143; AG 2(2): 488, 5(1): 410; Barnhart 2: 363; BM 3: 1082; CSP 3: 935-936; Dryander 3: 539, 614, 5: 53, 321; DTS 1: 167-168, 6(4): 10, 166; Frank 3(Anh.): 56; GR p. 104-105; Hortus 3: 1198 ("Lehm."); IH 1(ed. 6): 361, 2: 426; Jackson p. 571; Kew 3: 402; Langman p. 435; Lenley p. 462; LS 15120; Maiwald p. 166, 232; Moebius p. 378; MW p. 264; NAF 28B(2): 442; NI 1165-1167; PR 5166-5177 (ed. 1: 5700-5710); Rehder 5: 499; SBC p. 125 ("Lehm."); Tucker 1: 420; Urban-Berl. p. 305; Zander ed. 10, p. 683.
Anon., Bull. Soc. bot. France 6: 760. 1860; Flora 43: 143, 271-272. 1860.

Hausmann, F., Fl. tirol. 1182.
Fischer-Benzon, R. J. D. von, *in* P. Prahl, Krit. Fl. Schleswig-Holstein 2: 33. 1890.
Graustein, J. E., Thomas Nuttall 376. 1967.
Hall, N., Botanists of the Eucalypts 83. 1978.
Hornemann, J. W., Nat. Tidsskr. 1: 587. 1837.
Maiden, J. H., J. West. Austral. nat. Hist. Soc. 6: 19. 1909.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 364. 1963.
Rodgers, A. D., William Starling Sullivant 164, 173, 190. 1940; John Torrey 119. 1942.
Schlechtendal, D. F. L. von, Bot. Zeit. 18: 76. 1860.
Schmid, G., Chamisso als Naturforscher nos. 119, 346. 1942.
Seeman, B., Bonplandia 8: 85-86. 1860.
Stafleu, F. A., Regn. veg. 71: 306, 338; Wentia 16: 62. 1966.
Zuchold, E. A., Jahresb. nat. Ver. Halle 5: 31-32. 1853.

HANDWRITING: Candollea 31: 325-326. 1976.

NAME: Lehmann chose the name "Helianthus III" in the Leopoldina (1818).

EPONYMY: The etymology of *Lehmanna* Cassebeer & Theobald (1847), *Lehmannia* Trattinick (1824), and *Lehmannia* K. P. J. Sprengel (1817) could not be established. *Lehmanniella* Gilg (1895) and *Neolehmannia* Kränzlein (1899) commemorate Friedrich Carl Lehmann (1850-1903), German collector in Central and South America.

4319. *Monographia generis Primvlarum* . . . Lipsiae [Leipzig] (sumptibus Joannis Ambrosii Barth.) 1817. Qu. (*Monogr. Primul.*).
Publ.: Jan-Jul 1817 (GGA 30 Aug 1817), p. [1]-95, [96], *pl. 1-9* (uncol. copp. auct.). *Copies*: L, MICH, MO, NY, USDA.

4320. *Beschreibung einiger neuer und wenig bekannten Pflanzen* . . . Halle (bei Johann Christian Hendel) 1817. Oct.
Publ.: Aug-Dec 1817 (p. 26: Sommer 1817), p. [i-ii], [1]-26, [1, err.], *pl. 1-2* (uncol. copp. by S. T. Bayer). *Copy*: NY. – Neue Schr. nat. Ges. Halle 3(2): 1-26, *pl. 1-2*. 1817 (Copy journal publ. at U). To be cited from journal.

4321. *Generis Nicotiniarum historia* quam munus professoris in Gymnasio hamburgensi academico ingressurus rerum naturae studiosis offert Joannes Georgius Christianus Lehmann . . . [Hamburg] 1818. Qu. (*Gen. Nicot. hist.*).
Publ.: Jan-Jul, prob. Jun-Jul 1818 (Flora rd. before 6 Aug 1818; see also TL-1/661), p. [1]-52, *pl. 1-4* (uncol. copp. unsigned). *Copies*: B, M, MO, NY, USDA.
Ref.: Goodspeed, T. H., Chron. bot. 16: 324. 1954.

4322. *Synopsis specierum generis Heliotropiorum* . . . [Erlangae] 1818. Qu. (*Syn. Heliotrop.*).
Publ.: 1818. – Reprinted with original pagination from Nova Acta. Leop. 9: [123]-140. 1818. – *Copies*: NY, U. – We have seen no copies with independent pagination.

4323. *Plantae e familiae Asperifoliarum nuciferae* . . . Berolini (Sumptibus F. Dümmler) 1818, 2 parts. Qu. (*Pl. Asperif. nucif.*).

Pars 1: Jul-early Sep 1818 (p. 250: Mar 1818; see also Isis 1848(2), 1790-1792; antedates fasc. 9 of H. B. K. Nov. Gen. Sp., no. 3143), p. [i-xiv], [1]-250.
Pars 2: Sep-Oct 1818 (Isis, Nov. 1818(2): 1847-1851), p. [i*], [i]-ix, [251]-478.
Copies: M, MICH, MO, NY, USDA; IDC 8315.
Ref.: Anon., Flora 1: 501-505. 30 Oct 1818 (rev. pars 1).

4324. *Monographia generis Potentillarum* . . . Hamburgi (apud Hoffman et Campe.) Parisiis (apud Treuttel et Würtz.) Londini (apud J. H. Bohte.) 1820. Qu. (*Monogr. Potentill.*).
Publ.: Jan-Jun 1820 (JGLE Jun 1820; Beck Jun 1820; Flora rd. 28 Jul 1820), p. [i-v], [1]-201, [1-2, err.], *pl. 1-20* (uncol. copp. F. Guimpel). *Copies*: G, L, MICH, NY, U, US, USDA.
Ref.: L. C. T. (review], GGA 1821: 257-264. 17 Feb 1821.
Anon., [review], Flora 5(1) Beil. 2: 57-66. Jan-Mar 1822.

4325. *Icones et descriptiones novarum* et minus cognitarum *stirpium* auctore Joanne Georgio Christiano Lehmann . . . Pars I. Hamburgi, (apud Perthes et Besser) 1821 [-1824]. Fol. †. (*Icon. descr. nov. stirp.*).

Publ.: in five parts of ten plates each published in undated covers. Text contents of parts not yet known, p. [1]-28, *pl. 1-50* (uncol. copp.). *Copies*: MICH, NY.

1: *pl. 1-10.* 1821 (Beck 15 Jul 1821, Flora Jan-Mar 1822).

2: *pl. 11-20.* 1822 (Beck 15 Jul 1822).

3: *pl. 21-30.* 1823 (Flora 21 Mar 1823).

4: *pl. 31-40.* 1823 (Flora 21 Mar 1824).

5: *pl. 41-50.* 1824.

Alternative title: *Icones rariorum plantarum e familia Asperifoliarum.*

4326. *Über die Gattung Trichothalamus* [Bonnae] 1821. Qu.

Publ.: 1821, *in* Nova Acta Leop. 10: [583]-588, *pl. 49.* 1821. *Copies*: G, NY, U. – We have seen no reprints with independent pagination. To be cited from journal.

4327. *Semina in horto botanico hamburgensi* 1822 *collecta* quae pro mutua commutatione offeruntur. Hamburgi (Typis Johannis Augusti Meissneri.) 1823. Qu. (*Sem. hort. bot. hamburg*).

Publ.: The seedlists of the Hamburg botanical garden, issued from 1823-1840, contain notes with the diagnoses of new taxa by Lehmann. These names and diagnoses often precede the publication of the same diagnoses with extended descriptions in the *Pugilli* (no. 4328). The above title runs to 1829, from 1830 on the title is "*Delectus seminum* quae in horto hamburgensium botanico e collectioni anni . . . mutuae commutatione offeruntur." *Copy* of complete set 1822-1840: HBG. For the continuation (1849-1852), see below, no. 4333.

1822: [1]-13. 1823.
1823: [1]-17. 1824.
1824: [1]-20. 1824.
1825: [1]-17. 1825.
1826: [1]-18. 1826.
1827: [1]-16. 1827.
1828: [1]-17. 1828.
1829: [1]-9. Nov-Dec 1829.
1830: [1]-8. 1830.
1831: [1]-7. 1831.
1832: [1]-7. 1832.
1833: [1]-8. 1833.
1834: [1]-8. 1833.
1835: [1]-7. 1833.
1836: [1]-7. 1836.
1837: [1]-7. 1837.
1838: [1]-8. 1838.
1839: [1]-8. 1839.
1840: [1]-7. 1840.

4328. *Novarum et minus cognitarum stirpium pugillus* I-X addita enumeratione plantarum omnium in his pugillus descriptarum. Hamburgi 1828-1857. Qu. (*Nov. stirp. pug.*).

General t.p.: Mar Apr 1857, as above, p. [i*].

Pugillus 1: Jun-Sep 1828.

(a) Index scholarum in Hamburgensium Gymnasio academico a pascha 1828 usque ad pascham 1829 habendarum, editus ab Joanne Georgio Christiano Lehmanno, . . . Continetur his plagulis *Pugillus novarum* quarumdam plantarum in botanico hamburgensium horto occurrentium. Hamburgi (Typis Joannis Augusti Meissneri, . . .) 1828. Qu., p. [1]-39. *Copies*: BR, G, HBG, HH, MICH, NY.

(b) Text also in Nova Acta Acad. Leop. 14(2): 799-826. 1829 (*copy*: MO); reprinted s.l. 1828, p. [1]-26, *pl. 45-48* (col.). *Copy*: USDA. – *Pugillus plantarum* in botanico hamburgensium horto occurrentium . . . Acad. trad. vere 1828. *Continuatio* in Nova Acta Acad. Leop. 16: 313-320. *pl. 12-16.* 1832 publ. Jan-Jul 1833. (see also Britten 1920).

Pugillus 2: 27 Aug 1830.

(a) Carolo Friderico Hippio . . . diem mensis augusti vicesimum septimum, quo ante hos viginti quinque annos munus in urbe nostra docendi publicum auspicatus est, feliciter celebranti gratulatur Joannes . . . Lehmann collega amicissimus offerens floram fasciculum nuper repertorum. Stirpium ab J. G. C. Lehmann primum descriptarum *pugillus secundus*. Hamburgi (Typis Joannis Augusti Meissneri, . . .) 1830. Qu., p. [1]-30. *Copies*: BR, G(2 copies), M, MICH, NY.

Pugillus 3: Jan-Apr 1831.

(a)Novarum et minus cognitarum stirpium *pugillus tertius*, quem indici scholarum in

Gymnasio academico hamburgensium anno scholastico 1831 habendarum praemisit Joannes . . . Lehmann, . . . Hamburgi (Typis Joannis Augusti Meissner, . . .) s.d. Qu., p. [i], [1]-58. *Copies*: BR, G (2 copies), M, MICH, MO, NY.

(b) Index praelectionum in Gymnasio hamburgensium academico anno scholastico 1831. habendarum . . . editus ab Joanne Georgio Christiano Lehmanno, H. A. Gymnasii rectore. Praemittitur novarum et minus cognitarum stirpium *pugillus tertius*. Hamburgi (typis Joannis Augusti Meissneri, . . .) s.d. [1831]. Qu., p. [1]-64. *Copy*: USDA.

Pugillus 4: Feb-Mar 1832 (p. vi: Dec 1831; 28 Mar, rd. by Linn. Soc. Lond.).

(a) Novarum . . . stirpium *pugillus quartus*, quem indici . . . scholastico 1832 habendarum praemisit Joannes . . . Lehmann, . . . Hamburgi (Typis Joannis Augusti Meisneri, . . .) s.d. Qu., p. [i]-vi, [1]-64. *Copies*: BR, FAS, G, M, MICH, MO, NY, USDA.

Pugillus 5: Feb-Mar 1833 (p. iv: Jan 1833).

(a) Novarum . . . stirpium *pugillus quintus*, quem 1833 . . . Lehmann, . . . Hamburgi (Typis Joannis Augusti Meissner, . . .) s.d. Qu., p. [i]-iv, [1]-28. *Copies*: BR, FAS, G, MICH, MO, NY, USDA.

Pugillus 6: Apr-early Mai 1834.

(a) Novarum . . . *pugillus sextus* . . . 1834 . . . Lehmann, . . . Hamburgi. (Typis Joannis Augusti Meissner, . . .) s.d. Qu., p. [i], [1]-66, [67]-72 index to Pug. 1-6, *pl. 1-5* (uncol., by J. Milde). *Copies*: B, BR, G, MICH, MO, NY (72 p.).

(b) Index scholarum in Gymnasio hamburgensium academico anno scholastico 1834 habendarum . . . praemittitur *novarum* et minus cognitarum *stirpium pugillus sextus*. Hamburgi (Typis Joannis Augusti Meissneri, . . .) 1834. Qu., p. [1]-14, [II. Muscorum hepaticorum nova genera et species novae:] 15-70. *Copy*: USDA.

(c) The first part (16 p.) was also issued as "De plantes cycadeis . . ." 1834, see no. 4329.

Pugillus 7: Jun 1838.

(a) Novarum . . . *pugillus septimus*, quem adjecta narrationis de horto nostro botanico parte priore indici scholarum in Gymnasio academico hamburgensium anno scholastico 1838 habendarum praemisit . . . Lehmann, . . . Hamburgi (Typis Joannis Augusti Meissneri, . . .) 1838. Qu., p. [i-iv], [1]-41. *Copies*: G, HH, MICH, NY.

(b) *Index scholarum* in Gymnasio hamburgensium academico a paschate 1838 usque ad pascha 1839 habendarum editus ab . . . Lehmann, . . . Hamburgi (Typis Joannis Augusti Meissneri, . . .) 1838. Qu., p. [i]-xvi, [1]-48. *Copy*: BR.

Pugillus 8: Apr 1844.

(a) Novarum . . . stirpium *pugillus octavus* quem indici scholarum in Gymnasio academico hamburgensium anno scholastico 1844 habendarum praemisit . . . Lehmann, . . . Hamburgi (Typis Joannis Augusti Meissneri, . . .) 1844. Qu., p. [i], [1]-56. *Copies*: BR, G, MICH, MO, NY.

Pugillus 9: 1-14 Mai 1851 (p. 78: 2 Feb 1851).

(a) Novarum . . . stirpium *pugillus nonus* addita nova recensione nec non enumeratione specierum omnium generis Potentillarum earumque synonymia locupletissima auctore Christiano Lehmann. Hamburgi (Typis Joannis Augusti Meissneri, . . .) 1851, Qu., p. [i], [1]-78. *Copies*: BR, G, MICH, MO, NY.

Pugillus 10: Oct 1857 (see p. xiv of Verzeichniss).

(a) *Verzeichniss* der Vorlesungen, welche im Hamburgischen akademischen und Real-Gymnasium von Ostern 1857 bis Ostern 1858 gehalten werden. Herausgegeben von J. G. C. Lehmann . . . 1. Jahresbericht. 2. Novarum et minus cognitarum stirpium *pugillus decimus* auctore C. Lehmann. 3. Verzeichniss der Vorlesungen. Hamburg (Gedruckt bei Theodor Gottlieb Meissner) 1857. Qu., p. [i]-xiv, [1]-[40]. *Copies*: G. MICH.

(b) *Novarum et minus cognitarum stirpium pugillus decimus* addita enumeratione plantarum omnium in Pugillis i-x descriptarum auctore Christiano Lehmann, . . . Hamburgi (typis Theodori Theophili Meissneri, . . .) 1857. Qu., p. [i-v], [1]-34 (p. 27: Feb 1857). *Copies*: BR, MO, NY. – This issue may have come out before the Verzeichniss, in Mar-Apr 1857.

General t.p., issued with Pugillus 10: "*Novarum et minus cognitarum stirpium pugillus i-x* addita enumeratione plantarum omnium in his pugillis descriptarum auctore Christiano Lehmann. Hamburgi 1828-1857."

Ref.: RS p. 112; SK 4: cxcvi; IDC 5511.

Schlechtendal, D. F. L. von, Bot. Zeit. 15: 357-358. 1857.

Britten, J., J. Bot. 58: 198, 292. 1920.

4329. *De plantis Cycadeis* praesertim Africae australis scripsit Joannes Georgius Christianus Lehmann, . . . Hamburgi (typis Joannis Augusti Meissner, . . .) 1834. Qu. (*Pl. Cycad.*).
Publ.: Apr-early Mai 1834 (see Pug. 6), p. [i], [1]-16, *pl. 1-5*. *Copies*: B (B copy has with this t.p. the entire text of Pugillus 6, 72 p. (sic) and 5 pl.), USDA (composition as above).

Unchanged reprint of p. 1-16 and expl. *pl. 1-5* of Lehmann's sixth *Pugillus*. The copy at BM (BMNH) has the original drawings of the plates and a copy of the German version published in the Allg. Garten Zeit. no. 11.
Ref.: Britten, J., J. Bot. 58: 199. 1920.

4330. *Monographiae generis Potentillarum supplementum* . . . Fasc. 1. Hamburgi (Apud Perthes & Besser) 1835. Qu. (*Monogr. Potentill. suppl.*).
Publ.: late Dec 1835 or 1-5 Jan 1836 (Hinrichs 5-11 Jan 1836; Flora 14 Jul 1836), p. [1]-22, [1, adv.], *pl. 1-10* (uncol. liths., unsigned). *Copies*: L, MICH, NY.
Ref.: Vriese, W. H. de, Tijdschr. nat. Gesch. Physiol. 3: 116-120. 1836.

4331. *Anthrocephalus*, eine neue Gattung der Lebermoose, aus der Gruppe der Marchantieen. Sendschreiben an den Herrn Präsidenten Nees v. Esenbeck von Fr. J. G. C. Lehmann, . . . [Vratislaviae et Bonnae] 1838. Qu.
Publ.: 1838 (submitted 21 Oct. 1836), *in* Nova Acta Leop. 22(2): [679]-684, *pl. 52*. 1838. (*Copy*: U). No reprint with independent pagination seen by us. To be cited from journal.

4332. *Plantae Preissianae* sive enumeratio plantarum quas in Australasia occidentali et meridionale-occidentali annis 1830-1841 collegit Ludovicus Preiss, . . . Partim ab aliis partim a se ipso determinatas, descriptas, illustratas edidit Christianus Lehmann, . . . Hamburgi (Sumptibus Meissneri) 1844-1847[-1848], 2 vols. Oct. (*Pl. Preiss.*).
1: [i]-viii, [1]-647; *2*: [i]-vi, [1]-499.

vol.	part	pages	dates of receipt by Hinrichs
1	1	3-160	19-21 Sep 1844
	2	161-320	9-11 Feb 1845
	3	321-480	14-16 Aug 1845
	4	481-647, [i]-viii	3-5 Nov 1845
2	1	3-160	26-28 Nov 1846
	2-3	161-499, [i]-vi	2-5 Aug 1848.

Issues: (a) on "Druckpapier", (b) on "Schreibpapier".
Copies: G, HBG, MICH, MO, NY, U; IDC 6011 – Authorship of texts indicated under family names: in addition to Lehmann, 19 authors contributed family treatments:
Co-authors: F. G. Bartling, A. Braun, A. Bunge, S. L. Endlicher, E. M. Fries, E. Hampe, J. F. Klotzsch, G. Kunze, K. F. Meisner, E. H. F. Meyer, F. A. W. Miquel, C. G. D. Nees von Esenbeck, A. Putterlick, S. Reissek, J. K. Schauer, O. G. Sonder, J. Steetz, E. G. Steudel, W. H. de Vriese.
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Diels, L., Pflanzenw. W.-Austral. 48, 71. 1906 (Veg. Erde vol. 7).
Stearn, W. T., J. Soc. Bibl. nat. Hist. 1: 203-205. 1939.
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4333. *Delectus seminum quae in horto hamburgensium botanico* e collectione anni 1849 [-1852] mutuae commutationi offeruntur. Hamburgi (Typis Joannis Meissneri) 1849 [-1852]. Qu. (*Del. sem. hort. hamburg.*).

1849: [i], [1]-12.
1850: [1]-14.
1851: [1]-12. – Berolini, typis C. Feisteri, by J. G. C. Lehmann and E. Otto; p. 7: Dec 1851.
1852: [1]-13. – Idem, p. 7: Dec 1852.
Contains descriptions of many new taxa by Lehmann. For earlier seedlists by Lehmann see above, no. 4327.

4334. *Über die gattun Nymphaea* von Prof. Dr. C. Lehmann [Hamburg 1853.] Qu. (*Nymphaea*).
Publ.: Apr 1853, p. [1]-26. *Copies*: G, L, NY. – Issued at the same time as a pamphlet (without title-page, with separate pagination as above) and as an article in Otto's *Garten und Blumenzeitung* 8: 193. Mai 1853 [actually published late April]. On 24 Apr 1853 Lehmann sent a copy of the "petit brochure" to W. J. Hooker (K).
Planchon's revision of the family in the *Revue horticole* of 16 Feb 1853 antedates Lehmann's treatment. The delivery of an oral paper by Lehmann on this subject, in Sep 1852, does not constitute valid publication. Planchon's publication, however, contains hardly any descriptions: these were given in the *Ann. Sci. nat.* of 15 Mai 1853, and therefore *later* than Lehmann's article.
Ref.: Newman, The Phytologist 4: 952-964. Jun 1853 (reprint as "*Revision of the genus Nymphaea.*").
Seeman, B., Bonplandia 1(5): 43. 15 Feb 1853, 1(4): 131-133. 1 Jul 1853 (rev.), 2: 50. 1854.
Anon., Bonplandia 2: 81-82. 1854, Flora 36: 440, 558-566. 1853.

4335. Novorum actorum Academiae caesareae Leopoldinae-Carolinae naturae curiosorum voluminis vicesimi tertii supplementum sistens *Revisionem Potentillarum* iconibus illustratam auctore Christiano Lehmann. Cum tabulis lxiv. Vratislaviae et Bonnae [Breslau und Bonn] 1856. Qu. (*Revis Potentill.*).
Publ.: probably Nov 1856 (see TL-1/668), p. [i*-ii*], [i]-xiv, [1]-230, [1, err.], charts 1-5, *pl. 1-64* (uncol. copper engr., no. 1 signed C. F. Schmidt). *Copies*: G, L, M, NY, USDA. – Nov. Acta Leop. 32, suppl., 1856.
Other title page: "Revisio potentillarum iconibus illustrata auctore Christiano Lehmann. Cum tabulis lxiv lithographicis. Vratislaviae [Breslau] et Bonnae [Bonn] (apud Eduarum Weberum . . .)" 1856. Qu.
Ref.: Hooker, W. J., J. Bot. Kew Gard. Misc. 9: 64. 1857.
Anon., Bull. Soc. bot. France 3: 721-723. 1857.

Lehr, Georg Philipp (1756-1807), German physician at Frankfurt a. Main; Dr. med. Goett. 1799. (*Lehr*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGAPHY: BM 3: 1083; Dryander 3: 231; Kew 3: 403; PR 5181 (ed. 1: 5714); Tucker 1: 420.

4336. *Dissertatio botanico-medica de Olea europaea.* Venia illustratis ordinis medici in Academia Georgia Augusta pro summis in medicina honoribus adipiscendis in anniversariis inaugurationis sacris xxxii. D. vi. septembris a. cioiocclxxix propugnande a Georgio Philippo Lehr moeno-francofurtensi. Cum tabula aenea. Goettingae, (litteris Jo. Christ. Dieterich, Acad. Typogr.) s.d. [1799]. Qu. (*Olea europaea*).

Publ.: 6 Sep 1779, p. [1]-70, [1-2], *1 pl.* (uncol. copp., unsigned). *Copies*: NY, U.

Leiberg, John Bernhard (1853-1913), Swedish-born botanist; moved to America after 1868; settled near Lake Coeur d'Alene, Idaho 1888; collector and explorer for the U.S. Department of Agriculture (1895-1896), for the U.S. Geological Survey (1897-1903); forestry inspector in the Phillippines 1904-1905, 1905-1906 id. in Western U.S.; made a trip around the world in 1909. (*Leiberg*).

HERBARIUM and TYPES: US. Exsiccatae:
1. *Musci leibergiani*, with E. G. Britton, nos. 1-230, New York 1890-?, sets at FH, G, NY.
2. *Mosses from Kootnai Co., Idaho*, numbers up to 266, sets at BM, FH, NY.
Written records of Leiberg's explorations in Oregon are at the University of Oregon library.
Leiberg presented a collection of flowering plants to ORE.
Ref.: Anon., Bot. Gaz. 15: 158. 1890.
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Rydberg, P. A., Augustana Coll. Libr. Publ. 5: 40-41. 1907 (bibl.).

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4337. *General report on a botanical survey of the Coeur d'Alene Mountains* in Idaho during the summer of 1895. Washington (Government printing office) 1897. Oct.
Publ.: 25 Jan 1897, cover map, [i-iii], 1-85. *Copies*: BR, MO, U, US. – Contr. U.S. Natl. Herb. 5(1). 1897. To be cited from journal.

Leibling, Otto (*fl.* 1884), German high school teacher and botanist at Crimmitschau (Sachsen). (*Leibl.*).

HERBARIUM and TYPES: Unknown.

4338. *Flora von Crimmitschau* und Umgebung. Teil I . . . Abhandlung zum 13. Jahresbericht der Realschule ii.o. zu Crimmitschau. Crimmitschau (Druck von Otto Neumerkel) 1884. Progr. nr. 505. Qu. (*Fl. Crimmitschau*).
Teil I: 1884 (Bot. Zeit. 29 Aug 1884; Nat. Nov. Jul(1) 1884), p. [1]-54. *Copy*: B.
Teil II: 1887, p. [i-ii], [55]-112. *Copies*: B, MO. – ". . . Theil II . . . 16. Jahresbericht . . . 1887. Progr. Nr. 522."
Ref.: Reiche, Bot. Jahrb. 10(Lit.): 17-18. 1889.

Leibold, Friedrich Ernst (1804-1864), German gardener and botanical explorer; at the Cape 1835-1838 (with Baron von Ludwig); in Cuba and Mexico 1839-1844; settled in the United States 1847; farmer in Texas, ultimately at New Orleans. (*Leibold*).

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Leichhardt, Friedrich Wilhelm Ludwig (1813-1848), German botanist and explorer; from 1842 in Australia; lost on a mission in 1848. (*Leichh.*).

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EPONYMY: *Leichardtia* [sic] R. Brown (1849), *Leichhardtia* F. von Mueller (1876). *Leichhardtia* Shepherd (1851) probably also commemorates him. – Leichhardt River, Queensland (Northern Australia), discovered by A. C. Gregory 1855.

Leidy, Joseph (1823-1891), American anatomist, parasitologist and paleontologist at Philadelphia; founder of American vertebrate paleontology; one of the last of the great naturalists; Dr. med. Philadelphia 1844. (*Leidy*).

HERBARIUM and TYPES: PENN. For manuscripts see e.g. Phillips and Phillips (1963).
Ref.: Pennell, F. W., Bartonia 22: 12. 1943.

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EPONYMY: *Leidya* França (1916); *Leidyonella* Frenzel (1891); *Leidyopsis* C. A. Kofoid & O. Swezy (1919).

4339. *A flora and fauna within living animals* . . . [City of Washington (published by the Smithsonian Institution) 1853]. Qu. (*Fl. liv. anim.*)
Publ.: late 1853 (p. 67: Apr 1853), p. [1]-67, *pl. 1-10*. *Copy*: US. – Smithsonian Contr. Knowledge 5(2), 1853.

Leighton, (Rev.) **William Allport** (1805-1889), British clergyman and botanist in Luciefelde near Shrewsbury. (*Leight.*)

HERBARIUM and TYPES: BM and K. – Exsiccatae: *Lichenes britannici exsiccati*, fasc. i-xiii, nos. 1-410, London 1851-1867, sets in many herbaria (see GR and IH); letters at K. – Desmond mentions also lichens at the Essex Field Club.
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NOTE: for a listing of L's *Notulae lichenologicae*, nos. 1-35, 1866-1872, published in *Ann. Mag. nat. Hist.*, see LS 15149; for *Lichenological memorabilia* 1-10, 1872-1876, in *Grevillea*, see LS 15158.

EPONYMY: *Leightonia* Trevisan (1853); *Leightonia* Trevisan (1861, non 1853); *Leightoniella* A. Henssen (1965); *Leightoniomyces* Hawksworth & Sutton (1977).

4340. *Catalogue of the cellulares or flowerless plants of Great Britain*, or those included in the Linnean class, Cryptogamia; compiled from Sir W. J. Hooker's English flora, vol. v; Sir J. E. Smith's English flora, vol. iv; Mackay's Flora hibernica; Henslow's Catalogue of British plants, and other sources . . . Shrewsbury (printed and published by John Davies, . . .) s.d. [1837]. (*Cat. cell. Gr. Brit.*)
Publ.: 1837 (p. 2: Mai 1837), p. [1]-15. *Copy*: NY.

4341. *A flora of Shropshire* . . . Shrewsbury: (John Davies, . . .), London (John van Voorst, . . .) 1841. Qu. (*Fl. Shropshire*).
Publ.: 1841 (p. xii: Sep 1840), p. [i]-xii, [1-5], 7*-8*, 7-573, *pl. 1-5* + *16* unnumbered pls. *Copies*: BR, G, MO, NY. – See BL for further publications updating this flora. According to PR (ed. 1) this book was published in three parts between 1838-1841. We have found no further data confirming this.

4342. *A monograph of British Graphideae*, . . . [London] 1854. Oct. (*Monogr. Brit. Graphid.*).
Publ.: Feb-Jun 1854 (in journal), p. [i], [1]-61, *pl. 5-8* (auct. del., issued with plain as well as with col. pl.). *Copies*: G, L, NY. – 100 copies reprinted from Ann. Mag. Nat. Hist. ser. 2. 13: 81-97. Feb 1854; 202-212. Mar 1854; 264-279. Apr 1854; 387-395. Mai 1854; 436-446. Jun 1854.

4343. *The British species of angiocarpous lichens*, elucidated by their sporidia . . . London (printed for the Ray Society) 1851. Oct. (in fours). (*Brit. angiocarp. lich.*).
Publ.: 1851 (p. [iii]: 1 Jan 1851), p. [i-vi], [1]-101, *pl. i-xxx* (col. liths. auth.), [3]-18 list subscr. *Copies*: MO, NY, Stevenson, U, USDA. – Dedicated to William Borrer (1781-1862).

4344. *The lichen-flora of Great Britain*, Ireland and the Channel Islands . . . Shrewsbury: (printed for the author.) 1871. Duod. (in sixes). (*Lich. Fl. Gr. Brit.*).
Ed. [1]: Sep-Oct 1871 (p. [iv*]: 1 Sep 1871; Hedwigia Oct 1871; J. Bot. Nov 1871), p. [i*-iv*], [1]-467, [1-2, index]. *Copy*: Stevenson.
Additions to ed. 1: 1872 (J. Bot. Jul 1872), p. [i]-xlvii (appendix); 468-485 (add.; corr., ind.). – Copies of ed. 1 were also issued with this material, thus constituting the second edition.
Ed. 2: 1872, p. [i*], [i]-xlvii, [1]-502. *Copies*: BR, MO. – "Second edition," Shrewbury (id.) 1872. Duod. (in sixes). Copies with contents of ed. 2 but with t.p. 1871: L, NY, Stevenson. – The copy at L has a corrected p. 467 with index p. [1] on verso, followed by p. 2 index, and [1, notice], all following p. 502.
Ed. 3: Apr-Mai 1879 (p. [v]: 25 Mar 1879; J. Bot. Mar 1879 (nearly completed), Mai 1879 (publ.); Bot. Zeit. 20 Jun 1879; Flora 1 Jul 1879; Nat. Nov. Jul(1) 1879), p. [i]-xviii, [1]-547. *Copies*: B, G, L, MICH, MO, Stevenson, USDA. – "Third edition." Shrewsbury (id.) 1879. Oct. – From preface: "Seeds, to our eye invisible, will find on the rude rock the bed that fits their kind . . . (Crabbe)."
Ed. 3: reissue: 1884. – London (W. P. Collins) Oct. (n.v.).

Leimer, Franz (*fl.* 1854), German benedictine monk and botanist at Augsburg. (*Leim.*)

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1084; PR 5189; Rehder 5: 500.

4345. *Die Flora von Augsburg* mit Berücksichtigung ihres medizinisch-ökonomisch-technischen Werthes nebst einer Namenerklärung . . . Augsburg, (Verlag der K. Kollmann'schen Buchhandlung. (Druck der Kollmann'schen Offizin.)) 1854. Duod. (*Fl. Augsburg*).
Publ.: prob. Mai 1854 (Bot. Zeit. 2 Jun 1854; Flora 7 Sep 1854), p. [i]-x, [1]-370, [1, err.], 1 map. *Copies*: M, NY.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 12: 386-387. 1854.

Leiner, Ludwig (1830-1901), German pharmacist and naturalist at Konstanz. (*Lein.*).

HERBARIUM and TYPES: Bryophytes at G. – Exsiccatae:
(1) *Herb. plant. crit. select. hybr. flor. rhenan.* (1868), set at L.
(2) *Kryptogamen Badens*, fasc. 1-21, 1860-1880, together with J. B. Jack and E. Stizenberger, sets at BM, FH, G, HAL, K, NY, S, STR.
Ref.: Baur, Mitt. Bad. bot. Ver. 87-89: 301-305. 1881 (list and ind. fasc. 1-10). (n.v., fide Nordstedt, C.F.O., Ind. Desmid. bibl. 35. 1896).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 365; Bossert p. 233; GR p. 105 (orig.); IH 2: 305, 428; LS 12902; SBC p. 125 ("Lein.").

Leitgeb, Hubert (1835-1888), Austrian hepaticologist; Dr. phil. Graz; high school teacher at Cilli (1855-1857), Görz (1857-1864), Linz (1865), Graz (1866); lecturer (1867) and professor of botany (1868-1888) at the University of Graz. (*Leitg.*)

HERBARIUM and TYPES: GZU (600 specimens; inf. J. Poelt). – Manuscript, morphological and anatomical "models" and lecture posters also at GZU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 365; BJI 1: 36-37; BM 3: 1085; Bossert p. 233; CSP 3: 944, 8: 199, 10: 558-559, 12: 439, 16: 693-694; De Toni 1: lxxvii; Frank 3(Anh.): 56; Jackson p. 571; Kew 3: 405; LS 15171-15173; Moebius p. 123, 257, 452; NAF 2(1): 72; PR 5195-5197, 10595-10596; Rehder 5: 500; SBC p. 125 ("Leit.").

Anon., Bot. Gaz. 13: 172. 1888; Bot. Not. 1889: 29; Bot. Zeit. 46: 1888. 1888; Botanik und Zoologie in Österreich 1850-1900. Wien 1901 (portr.); Hedwigia 27: 180. 1888; Leopoldina 24: 111. 1888; Nat. Nov. 9: 192. 1887 (election to Akademie).

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Fellner, M. J. N., *in* Widder, F., Ann. bryol. 10: 154-155. 1937.

Haberlandt, G. J. F., Ber. deut. bot. Ges. 6: xxxiv-xliv. 1888; Ann. Bot., London, 2: 415-418. 1889 (bibl.).

Heinricher, E., Hubert Leitgeb, sein Leben und Streben, Graz 1889, 24 p., reprinted from Mitt. naturw. Ver. Steiermark 1888: 159-181. 1889 (extensive biogr. and bibl. plus list of articles by L's pupils).

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Lengyel, Termész. Közl. 243: 604-605. 1889.

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Suess, Almanach, Akad. Wiss., Wien, 38: 187-189. 1888.

Wittrock, V. B., Acta Horti Berg. 3(2): 83. 1093, 3(3): 68. 1905.

EPONYMY: *Leitgebia* Eichler (1871).

4346. *Untersuchungen ueber die Lebermoose* ... Jena ([1-3:] O. Deistung's Buchhandlung (Hermann Dabis)), Graz ([4-6:] Leuschner & Lubensky) 1874-1881, 6 Hefte. Qu. (*Unters. Leberm.*).

1: Mai 1874, p. [1]-82, [1-2, cont.], *pl. 1-5.*
2: Oct 1875, p. [i]-iv, [1]-95, *pl. 1-12.*
3: Sep 1877, p. [i]-vii, [1]-144, *pl. 1-9.*
4: Apr 1879, p. [i]-viii, [1]-101, *pl. 1-9.*
5: Jul 1879, p. [i]-vi, [1]-60, *pl. 1-5.*
6: Dec 1880 ['1881'], p. [i]-vii, [1]-158, *pl. 1-11.*
Copies: G, MO, NY, U. – *Dates*: based on numerous contemporary notes and reviews.
Facsimile ed.: Lehre (J. Cramer) 1968, Historiae naturalis classica tomus lxix, ISBN 3-7682-7187-0, with an introduction by R. M. Schuster, p. [i-iii], 1*-8* followed by facsimile. *Copies*: FAS, US.
The nomenclature follows C. M. Gottsche et al., *Synopsis hepaticarum* (TL-2/2097).
Ref.: Leitgeb, H., Bot. Zeit. 29: 557-565. 1871; 30: 33-46. 1872 (prelim. notes).
Schuster, R. M., Hubert Leitgeb 1-8. 1967.
Stafleu, F. A., Taxon 18: 447-448. 1969.

4347. *Bau und Entwicklung der Sporenhäute* bei deren Verhalten bei der Keimung ... Graz (Verlag von Leuschner & Lubensky, ...) 1884. Oct. (*Bau Sporenhäute*).
Publ.: Jul-Aug 1884 (Bot. Zeit. 29 Aug 1884; Nat. Nov. Sep(2) 1884); p. [i, iii], [1]-112, *pl. 1-3* (uncol. liths., auth.). *Copy*: WU.

Leitner, Edward Frederick [baptized: Frederick August Ludwig] (1812-1838), German physician and botanist who studied at Tübingen and who left for the United States 1831 to settle at Charleston, S.C.; died from shotwounds on a military expedition to Florida. (*Leitn.*).

HERBARIUM and TYPES: Jean Louis Cabanis (1816-1906) acquired some 800 Leitner speci-

mens (mainly from Florida) which came to B (destroyed 1873; a few specimens may perhaps have been saved). Other material not traced.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 365; Hortus 3: 1198 ("Leitn."); IH 2: 111, 428; Lenley p. 462; ME 2: 313, 3: 614; Urban-Berl. p. 335, 368; Zander ed. 10, p. 684.
Gifford, Bull. Hist. med. 46(6): 568-590. 1972 (well documented biography, references to many sources not repeated here).
Graustein, J. E., Thomas Nuttall 274. 1967.
Leitner, E. F., Amer. J. Sci. 23(1): 45-48. Oct 1832.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 438. 1963.
Rodgers, A. D., John Torrey 175-176. 1942.

EPONYMY: *Leitneria* Chapman (1860).

4348. *Botanical chart* by Edward F. Leitner, lecturer on botany, Charleston; fellow of the Society of Natural History of Stuttgart . . . Charleston (Printed by A. E. Miller) s.d., broadsheet. (*Bot. chart*).
Publ.: after 1835 (cites Rattray, *Bot. Chart*, 1835); chart. *Copy*: Charleston Library Society, Charleston, N.C.

Lejeune, Alexandre Louis Simon (1779-1858), Belgian physician and botanist; health officer in the French army 1801-1804, from then on physician at Verviers; Dr. med. Liège 1820. (*Lej.*)

HERBARIUM and TYPES: BR; other material at G, GRO, H, L, LG, MW.

NAME: Also as Alexander Ludwig Simon Lejeune.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 430, 7: 165, 347; Barnhart 2: 366; BL 2: 40, 681; BM 3: 1086; Bossert p. 233; CSP 3: 945, 8: 199; Frank 3(Anh.): 56; Hortus 3: 1198 ("Lej."); IH 2: 428; Jackson p. 271; JW 1: 445; Kew 3: 405; NAF ser. 2. 2: 164; PR 5183-5186; Rehder 5: 500; SO add. 797a; TL-2/1: 1559; Tucker 1: 421; Zander ed. 10, p. 684.
Anon., Bot. Zeit. 17: 168. 1859; Flora 42: 255. 1859; Bull. Soc. bot. France 6: 176. 1859; Bull. Soc. Natural. Luxembourg 54: portr. between 160-161. 1949.
Crépin, F., Guide bot. Belgique 227, 456, 1878.
Evens, F. M. J. C., Gesch. algol. Belgie 178. 1944.
Kickx, J. J., Ann. Acad. Sci. Belgique 26: 113-128. 1860 (portr., bibl.); Belg. horticole 1860-1861: xi-xiv. 1861 (portr., bibl.).
Lawalrée, A., Rev. Verv. Hist. nat. 15: 23-24. 1958 (corr. with Chapuis); Lejeunia ser. 2. 1: 1-4. 1961 (letter to M. A. Libert).
Lefort, Bull. Soc. Natural. Luxemb. ser. 2. 46: 188-203. 1952 (letters by F. A. Tinant (1803-1853) to Lejeune).
Monnoyer, Lejeunia 5(1): 5-9. 1941 (portr.).
Morren, E., Bull. Soc. bot. France 20: lvii. 1873.
Seemann, B., Bonplandia 7: 87. 1859.
Selys-Longchamps, Belg. horticole 1860-1861: xiv-xv. 1861.
Zuchold, E. A., Jahresb. nat. Ver. Halle 5: 32. 1853.

EPONYMY (genera): *Lejeunea* Libert (1820), corr. Hampe (1837, *nom. et orth. cons.*); *Lejeunia* Libert (1820, *orth. rej.*). *Note*: There are about 100 hepatic generic names in which *Lejeunea* is combined with a prefix. *Lejeunia* E. Gerlach (1961) is dedicated to M. Lejeune-Carpentier. – (journal): *Lejeunia*. Revue de botanique. 1937-1960. Ser. 2. Nro. i-x. 1961-x.

4349. *Flore des environs de Spa*, distribution selon le système de Linnaeus, des plantes qui croissent spontanément dans le département de l'Ourte et dans les départements circonvoisins, pour servir de suite à la Flore du Nord de la France de Mr. Roucel; . . . A Liège (Chez Duvivier, imprimeur-libraire, . . .) 1811-1813, 2 vols. Oct. (*Fl. Spa*).
1: 1811 (BF 9 Apr 1812), p. [i*], [i]-viii, [3]-254, [1-2, err.].
2: 1813, p. [i]-vi, 7-350.
Copies: B, BR, G, L, KNAW.

4350. *De quarundam indigenarum plantarum virtutibus commentarii*, quos ex rectoris magnifici Ernst, et senatus academici auctoritate, praevio facultatis medicae decreto, pro gradu doctoris, summisque in medicina honoribus ac privilegiis, in Universitate Leodensi, ritè ac legitimè consequendis, publico examini submittit, die 18vâ. martis 1820, horâ 4a. pomeridianâ A. L. S. Lejeune, Verviensis, . . . Leodii [Liège, Luik] (typis P.-J. Collardin, . . .) 1820. Qu. (*Indig. pl. virt.*).
Publ.: 18 Mar 1820 (t.p.), p. [1]-24. *Copies*: G, KNAW.

4351. *Calothecae* (Desvaux) *nova species* descripta auctore A. L. S. Lejeune. [Verviers or Liège], 1823. (*Calothec. sp.*)
Publ.: Aug 1823, p. [1]-2. *Copy*: BR. – Reprinted later in Messager des sciences et des arts de la Belgique Gand, Sep 1823. (Inf. R. Tournay).

4352. *Revue de la flore des environs de Spa.* Contenant l'énumération de toutes les plantes y décrites, avec les observations, les descriptions, les additions, et les corrections nécessaires pour la mettre le plus possible à la hauteur de la science; . . . Liège, (de l'imprimerie, de Ve. Duvivier, libraire, . . .) 1824. Oct. (in fours). (*Rev. fl. Spa*).
Publ.: 14-19 Mar 1825 (Ned. Staatscourant 21 Mar 1825; t.p. 1824; p. [264]: 5 Feb 1825), p. [i]-viii, [1]-263, [264]. *Copies*: BR, G, KNAW, L, NY.

4353. *De Libertia*, novo graminum genere, commentatio, auctore A. L. S. Lejeune, . . . (Nov. Act. Acad. C.L.C. Nat. Cur. Vol. XII. p. 2) [Bonn 1825] Qu.
Publ.: 1825, reprint with double pagination, p. 751[(1)]-(8)758, *pl. lxv* (col. copper engr. T. Wild), to be cited from journal: Nova Acta Leop. 12: 751-758. 1825. *Copy*: BR.

4354. *Verhandeling over de Ranunculaceae* der Nederlandsche flora . . . [Amsterdam 1827]. Oct. (*Ranunculac.*)
Co-author: Richard Joseph Courtois (1806-1835).
Publ.: 1827, p. [1]-44. *Copy*: BR. – Reprinted from H. C. van Hall, Bijdr. natuurk. Wet. Amsterdam 2: 69-110. 1827.

4355. *Compendium florae belgicae.* Conjunctis studiis ediderunt A.-L.-S. Lejeune, . . . & R. Courtois, . . . [1, 2:] Leodii [Liège, Luik] (apud P.-J. Collardin, . . .), [3:] Verviae [Verviers], (apud A. Remacle, . . .) 1828-1836, 3 vols. Duod. (in sixes). (*Comp. fl. belg.*).
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1: 14-19 Apr 1828 (Ned. Staatscourant 21 Apr 1828; p. x: cal. Oct. 1827), p. [i]-xx, [1]-264.
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Copies: B, BR, G, L, MO, NY.

Le Jolis, Auguste François (1823-1904), French merchant and algologist at Cherbourg; founder (30 Dec 1851) of the Société des Sciences naturelles de Cherbourg; from then on director and archivist as well as editor of the society's publications. (*Le Jol.*).

HERBARIUM and TYPES: CHE; duplicates see IH. Exsiccatae: *Algues marines de Cherbourg*, fasc. i-xiv, nos. 1-280, Cherbourg 1863-1882; sets at AUT, BM, FH, KIEL, LG, NY, S, WRSL. – L's library is also at CHE. Mosses at H and L.
Ref.: Sayre, G., Mem. New York Bot. Gard. 19(1): 85. 1969, 19(3): 357. 1975.

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Bornet, J. B. É., Bull. Soc. bot. France 51: 428-429. 1904.
Corbière, L., Rev. bryol. 31: 96-97. 1904; Notice nécrologique sur M. Auguste-François Le Jolis. Cherbourg, 1906, 20 p., reprinted from Mém. Soc. natl. Sci. nat. math. Cherbourg 35: i-xx. 1906 (bibl., portr.).

Durand, C. R. Soc. r. Bot. Belg. 42(2): 77-78. 1904.
Le Jolis, A. F., Liste des mémoires scientifiques publiés par Auguste-François Le Jolis (de Cherbourg), Cherbourg 1861, 4 p. (bibl.); Liste des mémoires scientifiques publiés par Auguste-François Le Jolis, s.l. 1880 (bibl.); Liste des mémoires scientifiques publiés par Auguste-François Le Jolis. [Cherbourg, Imp. Emile Le Maout] s.d. (bibl. up to 1891), 4 p. [1891].
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FESTSCHRIFT: Mém. Soc. natl. Sci. nat. Cherbourg 33: 1-96. 1902 (Centenaire de la Société et jubilé de M. Le Jolis, 29 Dec 1901). The founders of the Society were Le Jolis, Emmanuel Liais and Théodore de Moncel.

EPONYMY: *Lejolisia* Bornet (1859).

4356. Mémoire sur l'introduction et la floraison à Cherbourg d'une espèce peu connue de *Lin de la Nouvelle-Zélande* et revue des plantes confondues sous le nom de Phormium tenax, . . . Cherbourg (Imprimerie de Thomine, . . .) 1848. Oct. (*Lin. Nouv. Zél.*).
Publ.: 1848, p. [1]-29. *Copies*: G, KNAW. – Reprinted from Bull. Soc. Horticulture de Cherbourg 1848(2): 53-77; see also Rev. hortic. ser. 3. 2: 5-8. 1848.
English translation: *in* W. J. Hooker, Lond. J. Bot. 7: 533-539. 1848.
Ed. 2: 1849, in Mém. Soc. Sci. Lettres Arts Orleans 9, 1849 (n.v.).

4357. *Observations sur les Ulex des environs de Cherbourg*, . . . Cherbourg (Imprimerie de A. Lecauf, . . .) 1853. Oct.
Publ.: 1853, p. [1]-19. *Copy*: G. – Reprinted from Mém. Soc. imp. Sci. nat. Cherbourg 1: 263-279. 1852 (1853). To be cited from journal.

4358. *Quelques remarques sur la nomenclature générique des algues* . . . [Cherbourg (Imprimerie Feuardent) 1856]. Oct. (*Rem. nomencl. alg.*)
Publ.: 1856, p. [1]-20. *Copy*: G. – Reprinted from Mém. Soc. imp. Sci. nat. Cherbourg 4: 65-84. 1856.
Reprint: Mar 1896, p. [i, iii], [1]-20 ([65]-84). *Copies*: FH, NY. – Cherbourg (imprimerie Émile Le Maout, . . .) 1896. – With short, new preface by author.
Ref.: Anon., Bull. Soc. bot. France 4: 241-243. 1857.

4359. *Lichens des environs de Cherbourg*, . . . Paris (J. B. Baillière, Libraire, . . .), Cherbourg (Bedelfontaine et Syffert, . . .) 1859. Oct. (*Lich. Cherbourg*).
Publ.: 1859, p. [i, iii], [1]-108. *Copy*: NY. – Reprinted from Mém. Soc. imp. Sci. nat. Cherbourg 6: 225-332. 1859.

4360. *Plantes vasculaires des environs de Cherbourg* . . . Paris (J. B. Baillière et Fils, Libraires, . . .), Cherbourg (Bedelfontaine et Syffert, Imp., . . .) 1860. Oct. (*Pl. vasc. Cherbourg*).
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4361. *Liste des algues marines de Cherbourg*, . . . Paris (J. B. Baillière et Fils, Libraires, . . .) Cherbourg (Bedelfontaine et Syffert, Impr., . . .) 1863. Oct. (*Liste alg. mar. Cherbourg*).

Ed. [*1*]: 1863 (t.p.; BSbF rd. 22 Apr 1864), p. [1-5, err. slip]-168, *pl. 1-6* (uncol. liths. A. Riocreux). *Copies*: G, NY; IDC 5250. – Preprinted from Mém. Soc. Sci. nat. Cherbourg 10: 5-168, *pl. 1-6*. 1864.
Re-issue: 1880 (Nat. Nov. Feb(1) 1881; J. Bot. Mar 1881), p. [1]-168, *pl. 1-6* (id.). *Copies*: BR, G, NY, US, USDA. – Paris (librairie J. B. Baillière et fils . . .) 1880. Oct.

4362. *Mousses des environs de Cherbourg* . . . Paris (J. B. Baillière et Fils, libraires, . . .), Cherbourg (Bedelfontaine et Syffert, imp., . . .) 1868. Oct. (*Mousses Cherbourg*).
Publ.: 1869 (t.p. 1868; Flora rd. 10 Nov 1869; Hedwigia Aug 1869), p. [1]-46. *Copies*: BR, G, NY. – Reprinted from Mem. Soc. imp. Sci. nat. Cherbourg 14: 173-214. 1868.
Ref.: Anon., Bull. Soc. bot. France 16(bibl.): 31-32. post 3 Apr 1869.

4363. *Quelques notes à propos des "Plantae europeae"* de M. K. Richter . . . [Cherbourg 1891]. Oct. (*Notes Pl. europ.*).
Publ.: 1891, p. [1]-52. *Copies*: G, M, MO. – Reprinted from Mém. Soc. natl. Sci. math. Cherbourg 27: [289]-340. 1891 (journal issue: Nat. Nov. Apr 1892).

4364. *Les genres d'hépatiques de S. F. Gray*, . . . Paris (J.-B. Baillière et Fils, libraires, . . .), Cherbourg (Imprimerie Émile Le Maout.) 1893. Oct.
Publ.: Jan-Mai 1893 (Underwood rd. his copy (NY) Jun 1893; Bot. Zeit. 1 Aug 1893), p. [1]-36. *Copies*: NY, Steere. – Reprinted from Mém. Soc. Sci. nat. math. Cherbourg 29: 1-36. 1892-1895 (1893). To be cited from journal.

4365. *La nomenclature des hépatiques* . . . [Paris] 1894. (*Nomencl. hépat.*).
Publ.: 1894, p. [1]-4. *Copy*: BR. – Reprinted from Rev. bryol. 21(5): 65-68. 1894.

4366. *Remarques sur la nomenclature hépaticologique* . . . Paris, (J.-B. Baillière et Fils, Libraires, . . .), Cherbourg (Imprimerie Émile Le Maout) 1894. Oct. (*Rem. nomencl. hépaticol.*).
Publ.: Jan-Jun 1894 (Nat. Nov. Aug(1) 1894; Bot. Zeit. 1 Jul 1844), p. [1]-78. *Copies*: BR, G, NY, U. – Reprinted from Mém. Soc. natl. Sci. nat. math. Cherbourg 29: [105]-182. 1894.

4367. *Remarques sur la nomenclature bryologique* . . . Paris (J.-B. Baillière et Fils, Libraires, . . .) Cherbourg (Imprimerie Émile Le Maout.) 1895. Oct. (*Rem. nomencl. bryol.*).
Publ.: 1895 (Nat. Nov. Jul(1) 1895; Bot. Zeit. 1 Aug 1895), p. [1]-104. *Copy*: BR. – Reprinted from Mém. Soc. natl. Sci. nat. math. Cherbourg 29: [225]-328. 1892-1895 (1895).

4368. *Remarques sur la nomenclature algologique* . . . Paris (J.-B. Baillière et fils, . . .), Cherbourg (imprimerie Émile Le Maout) 1896. Oct. (*Rem. nomencl. algol.*)
Publ.: 1896, p. [1]-144. *Copies*: FH, G. – Reprinted from Mem. Soc. natl. Sci. nat. Cherbourg 30: 99 [= 3, repr.]-240 [= 144]. 1896.

4369. *Protestation contre le Revisio generum plantarum* iii(ii) . . . [Paris (J. Mersch) 1898]. Oct. (*Protestation*).
Publ.: 1898, p. [1]-11. *Copy*: FH. – Reprinted from J. de Bot. 12; 1898.

Lelièvre, J. F. (*fl.* 1838), French gardener, book-seller and seed merchant at New Orleans. (*Lelièvre*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 273; Barnhart 2: 366 (under Ernest L.); CSP 3: 947, 16: 695; Hirsch p. 172; ME 3: 424.

4370. *Nouveau jardinier de la Louisiane*, contenant les instructions nécessaires aux personnes qui s'occupent de jardinage. Par J. F. Lelievre, ex-jardinier-agriculture du gouvernement Français pour les colonies. Nouvelle – Orleans [New Orleans] (Chez J. F. Lelievre, libraire, . . .) 1838. Oct. (*Nouv. jard. Louisiane*).
Publ.: 1838, p. [i]-viii, [9]-200. *Copies*: HBG, MO, NY. – Handbook for the kitchen gardener and flower grower. First book on gardening in Louisiana (Ewan).
Ref.: Ewan, Southw. Louisiana J. 7(1-4): 21. 1967.

Lely, Hugh Vandervaes (1891-x), Nigerian botanist and conservator of forests. (*Lely*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 366; BL 1: 50, 305; Kew 3: 406.

EPONYMY: *Lelya* Bremekamp (1952).

4371. *The useful trees of Northern Nigeria* . . . London (published by the Crown Agents for the Colonies, . . .) 1925. (*Usef. trees N. Nigeria*).
Publ.: 1925 (p. xii: Mar 1925), p. [i]-viii, 1-128, *122 pl.* (uncol.). *Copy*: USDA.

Lemaire, [Antoine] **Charles** (1800-1871), French botanist; specialist on Cactaceae; edited *L'Horticulteur universel* (1839-1845) and *Jardin fleuriste* (1851-1854) at Paris; and the *Flore des Serres* and *L'Illustration horticole* at Gent (1854-1868). (*Lem.*).

HERBARIUM and TYPES: Unknown; material in C. Lemaire's library was dispersed by sale. *Ref.*: Cretaine, Bull. soc. bot. France 18(bibl.): 48. 1872.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 366; BM 3: 1086-1087; CSP 3: 948, 8: 199, 12: 439, 16: 697; Dryander 1: 129, 5: 322; Frank 3(Anh.): 56-57; Hortus 3: 1198 ("Lem."); IH 2: 429; Jackson p. 571; Kew 3: 406; Langman p. 436-437; MW p. 264-266, suppl. p. 196; NI 1169; Plesch p. 304; PR 5199-5205; Rehder 5: 501-502; Tucker 1: 421; Zander ed. 10, p. 684.
André, E. F., Ill. hortic. 18: 120-121. 1871; Gard. Chron. 1871: 844, 870.
Anon., Flora 54: 288. 1871.
Crépin, F., Guide bot. Belgique 258, 457. 1878.
Hunt, J. Mammillaria Soc. 16(3): 29-30. 1976.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 187. 1947.
Morren, E., Belg. horticole 21: 198-199. 1821.
Schumann, Monatschr. f. Kakteenkunde 8: 48-52. 1898.
Tjaden, Cact. Succ. J. Gr. Britain 31: 29-31. 1969 (on L. and *Schlumbergera*, the Christmas cactus).

COMPOSITE WORKS: Edited *L'Illustration horticole*, vols. 1-16, 1854-1869; *Revue horticole* 1858, *Herbier général de l'amateur* 1839-1850 (see under Loiseleur-Deslongchamps), and was co-editor of vols. 1-10 of the *Flore des Serres* (see under Van Houtte). Lemaire contributed also to D,Orbigny, *Dict. univ. Hist. nat.*

NOTE: Lemaire was born on 1 November 1800 according to the birth certificate consulted by J. A. Janse (Bennebroek, Netherlands, letter to FAS 20 Aug 1975). "L'an neuf, le dix brumaire ou premier novembre mil huit cent, est né à Paris, Antoine Charles, du sexe masculin, fils de Antoine Charles Lemaire et Marie Jeanne Davio." Lemaire later signed Ch. Lemaire – Lemaire went to Belgium at the invitation of Van Houtte to edit the *Flore des Serres*. From 1854-1868 he worked for Ambroise Verschaffelt and edited his *Illustration horticole*. In 1869 J. J. Linden bought up the Verschaffelt Établissement and the editorship of the journal went to E. André. Lemaire (no pension) returned to Paris in poverty.

EPONYMY: *Lemairea* de Vriese (1854); *Lemaireocereus* N. L. Britton & J. N. Rose (1909).

4372. *Cactearum aliquot novarum* ac insuetarum in horto monvilliano cultarum accurata descriptio. Fasciculus primus. Curante C. Lemaire, . . . Lutetiae Parisiorum [Paris], (apud F. G. Levrault, . . .), Argentorati [Strasbourg] (id.) 1838. Qu. † (*Cact. aliq. nov.*).
Publ.: 10 Feb 1838 (p. iii: octob. kalend. 1837; BF 10 Feb 1838, Acad. 26 Mar 1838), p. [i]-xiv, [1]-40, [1-2, ind., notes], *1 pl.* (uncol. lith., Thiollat). *Copies*: MICH, NY, USDA, WU.

4373. *Cactearum genera nova speciesque novae* et omnium in horto monvilliano cultarum ex affinitatibus naturalibus ordinatio nova indexque methodicus . . . Lutetiis – Parisiorum [Paris], (apud editorem, . . . et apud J. Loss, . . .) 1839. Oct. (*Cact. gen. sp. nov.*).
Publ.: Feb 1839 (TL-1/669), p. [i]-xvi, chart, [1]-115, [116, err.]. *Copies*: G, MO (photocopies: NY, USDA.).

4374. *L'Horticulteur universel*, journal général des jardiniers et amateurs, présentant l'analyse raisonnée des travaux horticoles français et étrangers, et contenant: l'histoire, la description, la culture raisonée et la figure, tant des plantes d'ornement ou d'économie, les plus nouvelles et les plus intéressantes, que des plus beaux fruits nouvellement gagnés; des plans, coupes et élévations de serres, de constructions ornamentales et d'appareils de chauffage; de plans de jardins, instrumens de jardinage, objects d'ornemens, etc. Ouvrage destiné à favoriser et à populariser en France la science de l'horticulture. Publié par une réunion de botanistes et d'horticulteurs français et étrangers, et rédigé par C. Lemaire, . . . Paris (chez H. Cousin, libraire-éditeur, . . .) 1839-1845, 6 vols. Oct. (*Hort. universel*).

1: 1839[-1840], p. [i]-x, [1]-394, *pl. 1-4, 6-8, 10-29, 31-32, 34-43*. (col.).
2: [1840-] 1841, p. [i]-ix, [x-xi], [1]-384, *pl. 44-45, 47-56*, [*56**], *57-84*.
3: [1841-] 1842, p. [i-iii*], [i]-viii, [1]-384, *pl. 87-129*.
4: [1842-] 1843, p. [i]-xvi, [1]-384, *pl. 130-173*.
5: [1843-] 1844, p. [i]-xv, [1]-396, *pl. 174-218*.
6: [1844-] 1845, p. [i-iii], [–]-377, *pl. 219-264*.
Copies: NY (vol. 6), USDA (1-6) (plates possibly incomplete; cf. table). The second series, *1*: [1845-] 1846, p. [i], [1]-292, *33 pl.*, and *2*: [1846]-1847, p. [i], [1]-256, *30 pl.* was edited by F. Gérard (*1*), and (*2*) by Martin de Lamotte.
Publication took place in monthly fascicles, the contents and dates of which were kindly made available to us by L. Garay:

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	227-254	*28-31*	Dec 1839	
	255-284	*32-34*	Jan 1840	5 Feb 1840
	285-317	*35-37*	Feb 1840	4 Mar 1840
	318-351	*38-40*	Mar 1840	3 Jun 1840
	352-394	*41-43*	Apr 1840	
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	129-160	*59-62*	Sep 1840	Nov 1840
	161-192	*63-65*	Oct 1840	Dec 1840
	193-224	*66-68*	Nov 1840	17 Feb 1841
	225-256	*69-72*	Dec 1840	3 Mar 1841
	257-288	*73-76*	Jan 1841	7 Apr 1841
	289-320	*77-79*	Feb 1841	Mai 1841
	321-352	*80-82*	Mar 1841	2 Jul 1841
	353-384	*83-86*	Apr 1841	2 Jul 1841
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	97-128	*98-101*	Aug 1841	
	129-160	*102-105*	Sep 1841	20 Feb 1842
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	353-384	*126-129*	Apr 1842	6 Jul 1842
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	65-96	*137-140*	Jul 1842	2 Nov 1842
	97-128	*141-143*	Aug 1842	4 Jan 1843
	129-160	*144-147*	Sep 1842	
	161-192	*148-150*	Oct 1842	15 Feb 1843
	193-231	*151-154*	Nov 1842	5 Apr 1843
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	165-204	*193-196*	Oct 1843	20 Dec 1843
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	261-292	*205-207*	Jan 1844	6 Mar 1844
	293-324	*208-211*	Feb 1844	7 Apr 1844
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	357-396	*215-218*	Apr 1844	5 Jun 1844
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	65-96	*226-229*	Jul 1844	18 Sep 1844
	97-128	*230-233*	Aug 1844	16 Oct 1844
	129-160	*234-237*	Sep 1844	20 Nov 1844
	161-192	*238-241*	Oct 1844	
	193-224	*242-245*	Nov 1844	19 Feb 1845
	225-256	*246-249*	Dec 1844	19 Mar 1845
	257-288	*250-252*	Jan 1845	7 Mai 1845
	289-320	*253-256*	Feb 1845	18 Jun 1845
	321-377	*257-264*	Mar 1845	

Prospectus for publication was reported on May 15, 1839. Index to vol. 5 reported on Aug 21, 1844. – Dates based on the bimonthly meetings of the Société d'Horticulture de Paris where each of the periodicals as received were reported. These were published in Annales de la Société d'Horticulture de Paris vol. 24-36, 1839-1845.
Many plates are the same as in the second series of the *Herbier général de l'Amateur* (ed. by Lemaire from vol. 2 onwards), see Loiseleur-Deslongchamps.

4375. *Iconographie descriptive des Cactées* ou essais systématiques et raisonnés sur l'histoire naturelle, la classification et la culture des plantes de cette famille . . . Paris (H. Cousin, Libraire-éditeur . . .) [1841-1847]. Fol. (*Iconogr. descr. Cact.*).
Publ.: *16 pl.* with text, 1841-1847. *Copies*: BR (*6 pl.*), MO (*14 pl.*; for further copies see Rowley 1966). – Eight livraisons each containing two plates with accompanying text. In all 30 pages of text. Fasc. 1 (*pl. 1, 2*) was published early Dec 1841 (BF 4 Dec). The initial announcement in BF speaks of "au moins 200 planches" (see also the note in Pritzel). Only plates nos. *1* and *2* are numbered (copy BM). Rowley provides a list of the plates with the numbers given to them in the various copies and cites the modern names. The plates are colour-printed engravings (finished by hand) of drawings by Maubert. – Further details of publication are lacking.
Ref.: Vriese, W. H. de, Tijdschr. nat. Gesch. Physiol. 8(2): 117-118. 1841 (livr. 1, rev.).
Junk, Rara 68. 1902.
Rowley, G., Cact. Succ. J. Amer. 38: 106-107. Mai-Jun 1966.

4376. *Le Jardin fleuriste*, journal général des progrès et des intérêts horticoles et botaniques, contenant l'histoire, la description, la figure et la culture des plantes les plus rares et les plus méritantes nouvellement introduites en Europe; publié sous les auspices et avec la collaboration des principaux botanistes et horticulteurs du continent, et, en particulier, d'un grand nombre de membres de la Société royale d'agricult. et de botanique de Gand, et rédigé par Ch. Lemaire . . . Gand (chez les éditeurs F. et E. Gyselynck, imprim. et lithogr.) 1851-1854, 4 vols. Qu. (*Jard. fleur.*).
Publ.: in parts, 24 parts per volume, issued on the first and fifteenth of each month from 1 Jul 1850-31 Mai 1854. The plates are col. liths., some by Heyland, many unsigned. The text and the plates are often dated. *Copies*: MICH, NY, USDA.

1: 1851 (t.p.; p. [viii]: 25 Mai 1851), p. [i-viii], *pl.* (with text) *1-55, 56/57, 58-72, 73/74, 75-108*, miscellanées p. [1]-128, [1, err.].
2: 1852 (t.p.; p. [iv]: 1 Jun 1851), p. [i-iv], *pl. 109/110, 111-118, 119/120, 121-172, 173/174, 175-180, 181/182, 183-185, 186/187, 188-190, 191/192, 193-197, 198/199, 200-205, 206/207, 208-216*, miscellanées p. [1]-156 [160].
3: 15 Feb 1853 (t.p.; date deposit 1 Jun 1851 on p. [i]), p. [i-v], *pl. 217-218, 219/220, 221-223, 224/225, 226-232, 233/234, 235-239, 240/241, 242-291, 292/293, 294-298, 299/300, 301-304, 305/306, 307-308, 309/310, 311-325*, miscellanées p. [1]-162.
4: 1854 (t.p.), p. [i-iv], *pl. 326-345, 346/347, 348-387, 388/389, 390-392, 393/394, 395-408, 409/410, 411-430*, miscellanées p. [1]-90. Page [85] has an epilogue.

4377. *Manuel de l'amateur de cactus* histoire naturelle des plantes de la famille des Cactacées . . . Paris (Librairie agricole de la Maison rustique . . .) s.d. [1845]. Duod. (*Man. amat. cactus*).
Publ.: 1845 (fide PR ed. 1 and Barnhart in copy NY), p. [i, iii], [1]-125. *Copy*: NY.

4378. Bibliothèque du jardinier. *Les cactées* histoire, patrie, organes de végétation, inflorescence culture, etc. . . . Paris (Librairie agricole de la Maison rustique . . .) s.d. [1868]. 18-mo. (*Cactées*).
Publ.: Aug 1868 (p. [i]: Sep 1868; Soc. bot. Belg. rd. 15 Aug 1868, sic), p. [i*-iii*], [i]-vi, [7]-140. *Copies*: MO, NY. USDA.

4379. Bibliothèque du jardinier. *Les plantes grasses* autres que les cactées/histoire, patrie, genres, espèces et culture, etc. . . . Paris (Librairie agricole de la Maison rustique . . .) s.d. [1869]. 18-mo. (*Pl. grasses*).
Publ.: 1869, p. [i-vi], [1]-135. *Copies*: HBG, L, NY, USDA.
Ed. 2: 1879 (Nat. Nov. Nov(2) 1879), n.v.

Léman, Dominique Sébastien (1781-1829), French cryptogamist. (*Léman*).

HERBARIUM and TYPES: CN, G-DC, P-JU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 366; BM 3: 1087; Bossert p. 234; IH 2: 429; Kew 3: 406; PR (alph.); Saccardo 2: 62; SBC p. 125 ("Leman"); Tucker 1: 421; Zander ed. 10, p. 684.
Candolle, A. P., de, Mém. Souvenirs 140, 161. 1862.
Cuvier, G., Dict. sci. nat., portr. [63]. 1845 (portr.).
Milner, J. D., Cat. portr. Kew 75. 1906.
Wittrock, V. B., Acta Horti Berg. 3(2): 114. 1903.

COMPOSITE WORKS: (1) *Cryptogames*, in *Dict. Sci. nat.* (TL-2/1293); articles on cryptogams; entries signed LEM.
(2) *Nouv. Dict. hist. nat.*, ed. 2, vols. 6-36, Paris 1816-1819, editor.

EPONYMY: *Lemanea* Bory de St.-Vincent (1808, *nom. cons.*); *Lemanea* Sirodot (1872); *Lemanella* Gaillon (1833).

Le Maout, Jean Emmanuel Maurice (1799-1877). French physician and botanist in Paris. (*Le Maout*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 367; BM 3: 1087; GR p. 333; Jackson p. 571; Kew 3: 406; Langman p. 437; LS 15188; NI 1170-1172; Plesch p. 304-305; PR 5207-5210; Rehder 5: 502; Sotheby 446; Tucker 1: 421.
Anon., Bot. Not. 1878: 44; Bull. Soc. bot. France 24: 183. 1877; Bot. Zeit. 35: 776. 1877; J. Bot. 15: 288. 1877.
Wittrock, V. B., Acta Horti Berg. 3(3): 106, *pl. 140*. 1905.

EPONYMY: *Maoutia* Weddell (1854); *Maoutia* Montrouzier (1860).

4380. *Leçons élémentaires de botanique* fondées sur l'analyse de 50 plantes vulgaires et formant un traité complet d'organographie et de physiologie végétable, à l'usage des étudiants et des gens du monde, . . . Paris (chez Fortin, Masson et Cie., . . . Langlois et Leclercq, . . .) Leipzig (id. chez L. Michelsen) s.d. 1844. (*Leçons élém. bot.*).
Artist: Louis Charles Auguste Steinheil (*fl.* 1844).

Ed. 1: 1843-1844, part 1 1843 (fide Bot. Zeit. 1: 898. 29 Dec 1843, Flora 7 Aug 1843; contents unknown); part 2 1844, p. [i*-iv*], [i]-xv, [1], *pl. 1-50* (col. liths.), [i], [1]-888, *fig. 51-681*. *Copy*: NY.
Ed. 2: Nov 1857 (BSbF rd. 27 Nov 1857), p. [i]-xvi, *pl. 1-50* (col. liths. with text), [1]-558, *fig. 51-701*. *Copy*: NY. – Also issued with uncol. pl. "Deuxième édition." Paris (Librairie de Victor Masson; Langlois et Leclercq) 1857. Oct.
Ed. 3: 1867, p. [i]-xvi, *pl. 1-50* (id.), [1]-593, *fig. 51-701*. "Troisième édition, revue, corrigée et augmentée." Paris (Garnier frères . . . Victor Masson et fils) s.d. Oct.

4381. *Atlas élémentaire de botanique* avec le texte en regard, comprenant l'iconographie des familles d'Europe, à l'usage des étudiants et des gens du monde, par Emmanuel Le Maout, . . . ouvrage contenant 1.684 figures, dessinées par M. L. Steinheil. Paris (Chez l'Auteur, . . .) 1846. Qu. (*Atlas élém. bot.*)
Publ.: 1846, p. [i]-xvi, 1-123, [124, cont., abbr.], [i]-iv. *Copy*: NY. – A preliminary issue of part of the definitive atlas as described below (no. 4382).

4382. *Atlas élémentaire de botanique* avec le texte en regard, comprenant l'organographie, l'anatomie, et l'iconographie des familles d'Europe, à l'usage des étudiants et des gens du monde, par Emmanuel Le Maout, . . . ouvrage contenant 2,340 figures, dessinées par M.M. L. Steinheil et J. Decaisne. Paris (chez Fortin, Masson et Cie., . . . et chez Langlois et Leclercq, . . .), Leipzig (Même maisons, chez L. Michelsen). Qu. (*Atlas élém. bot.*)
Artists: Joseph Decaisne (1807-1882) and Louis Charles Auguste Steinheil (1814-1885).
Publ.: 1846 (p. [v]: 1 Jan 1846), p. [i]-viii, [1]-227, [228, cont., err.]. *Copies*: MO, NY, USDA.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 4: 230-231. 27 Mar 1846.

4383. *Botanique*. Organographie et taxonomie histoire naturelle des familles végétales et des principales espèces suivant la classification de M. Adrien de Jussieu avec l'indication de leur emploi dans les arts, les sciences et le commerce . . . Paris (L. Curmer, . . .) [1851-] 1852. Qu. (*Botanique*).

Ed. [1]: 1851-1852, in 50 parts (p. xxviii: 12 Apr 1851), p. [i*], frontisp., [iii*], [i]-xxviii, frontisp., [1]-387, [388, index], *pl. 1-30* handcol. liths., *15* uncol. unnumbered pl. (incl. frontisp. 17 in copy BR; according to NI there should be 20 uncol. pl.; the Plesch copy had indeed 18 tinted liths. and 2 etchings.). *Copy*: BR. – We have seen no copy with title page dated 1851.
Ed. [2] (reissue): 1854, p. [i*], frontisp., [iii*], [i]-xxviii, [1]-387, [388, ind.], *19* or *20* col. *pl.* (18 tinted liths., 2 etchings). *Copies*: AMD, UC (inf. D. E. Johnson). – Paris (L. Curmer . . .) 1854. Qu.
Ed. 3: 1855, p. [i-iii], frontisp., [i]-xxviii, [1]-387, [388, ind.], *pl. 1-23* (col.) and a number of uncol. engraved scenes. *Copies*: MO, NY. – "Troisième édition." Paris (id.) 1855.

4384. *Flore élémentaire des jardins et des champs* accompagnée de clefs analytiques conduisant promptement à la détermination des familles et des genres et d'un vocabulaire des termes techniques. Paris (Dusacq, libraire agricole de la Maison rustique) 1855, 2 vols. 18-mo. (*Fl. élém. jard.*).
Co-author: Joseph Decaisne (1807-1882).

Ed. 1: 1855 (BSbF rd. 25 Mai 1855), *Vol. 1*: p. [i, iii], [1]-396; *2*: [i], [397]-936. – *Copies*: G, MO, NY.
Reissue: 1865. *Vol. 1*: [i-iv], [1]-396; *2*: [i-iii], [397]-936. – *Copies*: BR, NY. – Paris (Librairie agricole de la Maison rustique . . .) s.d. 18-mo.
Spanish translation: 1916, see no. 4387.
Ref.: Anon., Bull. Soc. bot. France 2: 197-199. Mai 1855.

4385. *Traité général de botanique* descriptive et analytique. Première partie: abrégé d'organographie, d'anatomie et de physiologie. Deuxième partie: iconographie, description et histoire des familles. Par MM. Emm. Le Maout, . . . Jh. Decaisne, . . . ouvrage contenant 5500 figures dessinées par MM. L. Steinheil et A. Riocreux. Paris (Librairie de Firmin Didot frères, fils et Cie, . . .) 1868. Qu. (*Traité général bot.*).
Co-author: Joseph Decaisne (1807-1882).
Artists: Louis Charles Auguste Steinheil (1814-1885), Alfred Riocreux (1820-1912).
Publ.: Jan-Apr 1868 ("Neu", Flora 11 Apr 1868; BSBF for Sep-Oct 1867), p. [i]-viii, [1-2], [1]-745, [746, err.]. *Copies*: MICH, MO, NY.
Ed. 2: Genève 1885 (n.v.).
English translation: 1873, see no. 4386.

4386. *A general system of botany* descriptive and analytical. In two parts. Part I. – Outlines of organography, anatomy, and physiology. Part II. – Descriptions and illustrations of the orders. By Emm. Le Maout, . . . J. Decaisne, . . . with 5500 figures by L. Steinheil and A. Riocreux. Translated from the original by Mrs. Hooker. The orders arranged after the method followed in the universities and schools of Great Britain, its colonies, America, and India; with additions, an appendix on the natural method, and a synopsis of the orders, by J. D. Hooker, . . . London: (Longmans, Green, and Co.) 1873. Oct. (*General syst. bot.*).
Original artists and authors: see above.
Translator: Frances Harriet Hooker, née Henslow (1825-1874), wife of Joseph Dalton Hooker.
Appendix by: Sir Joseph Dalton Hooker (1817-1911).
Publ.: 1873 (p. x: Dec 1872), p. [i]-xii, [1]-1066, [1, err.]. *Copies*: MICH, MO, NY, US, USDA.
Ref.: Trimen, H., J. Bot. 11: 153-157. 1873.
Huxley, L., Life letters J. D. Hooker 2: 190. 1918.

4387. *Tablas dicotomas* par la clasificacion de las familias vegetales tomadas de la obra "Flora elemental de los jardinos y de los campos" por Le Maout y Decaisne traducidas por Guillermo Gandara. Mexico (Departemento de Imprenta de la Secretaria de Fomento . . .) 1914 (t.p.; date on cover: 1916) Oct. (*Tabl. dicotom.*).
Translation by Guillermo Gandara (see Langman p. 300-302).
Publ.: 1916 (cover; t.p. 1914, p. 4: 3 Apr 1914), p. [1]-71. *Copy*: US. – Partial translation of *Flore élémentaire* . . . (see 4384).

Lemcke, Alfred Max Bernhard (1864-?), German botanist at the agricultural experiment station at Königsberg i. Pr. (*Lemcke*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 367; CSP 16: 698; Hirsch p. 172; LS 15189, 35923-35931, suppl. 15790-15795.

4388. *Beiträge zur Kenntnis der Gattung Carex* Mich. von Dr. Alfred Lemcke . . . Königsberg in Pr. (Buchdruckerei von R. Leupold) 1892. Oct. (*Beitr. Carex*).
Publ.: 1892 (Nat. Nov. Jan(1) 1893), p. [i], [1]-128. *Copy*: USDA.

Lemée, Albert Marie Victor (1872-19. .), French colonial botanist, later at Rennes. (*Lemée*).

HERBARIUM and TYPES: REN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 367; BFM 2292; BL 2: 151, 208, 681; IH 2: 429 (err. d. 1900); Kew 3: 407; Langman p. 437; MW p. 266-267.

4389. *Dictionnaire descriptif et synonymique des genres de plantes phanérogames* par Albert Lemée . . . [1-9:] Brest (Imprimerie commerciale et administrative, . . .) [10:] Paris (Editions Paul Chevalier) 1929-1959. 10 vols. Oct. (*Dict. gen. pl. phan.*).
1: 1929 (Nat. Nov. Aug 1929), p. [i*, iii*], i-xxxi, [1]-896.

2: 1930 (Nat. Nov. Jul 1930), p. [i*, iii*], i-xxvii, [1]-998.
3: 1931 (Nat. Nov. Nov 1931), p. [v]-xxxx, [1]-1084.
4: 1932 (Nat. Nov. Dec 1932), p. [i]-xxxii, [1]-1071.
5: 1934 (U rd. 5 Mar 1934), p. [i*], [i]-xxxii, [1]-1152.
6: 1935 (U rd. 15 Nov 1935), p. [iii]-xxxxvi, [1]-1286, [1, colo.].
7: 1939 (U rd. 19 Nov 1941), p. [i]-viii, [1]-489, 1-204.
8a: 1941, p. [i, iii], [1]-273.
8b: 1943, p. [iii]-xii, [1]-1105.
9: 1951, p. [i, iii], [1]-285.
10: 1959, p. [1]-219.

Lemmermann, Ernst Johann (1867-1915), German algologist at Bremen. (*Lemmerm.*).

HERBARIUM and TYPES: BREM; other material at B and S.
Ref.: Koster, J. T., Taxon 18: 555. 1969.

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 104; BM 3: 1088; CSP 16: 699; De Toni 4: xxxvi; IH 1(ed. 6): 361, 2: 430; KR p. 387; LS 15193-15196; MW p. 267; NAF 11(1): 90; Nordstedt p. 19, 21, suppl. p. 10; Urban-Berl. p. 266.
Anon., Ber. deut. bot. Ges. 33(5): 244. 1915; Bot. Not. 1915: 190; Nuova Notarisia 26: 179. 1915.
Bitter, F. A. G., Abh. Naturw. Ver. Bremen 24(2): 273-291. 1919 (portr., bibl.).
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 188. 1947.
Wittrock, V. B., Acta Horti Berg. 3(3): 141, *pl. 131*. 1905.

COMPOSITE WORKS: (1) Pascher, *Süsswasserflora Deutschl. Österr., Schweiz*:
1. *Pantostomatineae*, 1: [30]-51. 1914.
2. *Protomastiginae*, 1: [52]-121. 1914.
3. *Distomatinae*, 1: [122]-133. 1914.
4. *Eugleninae*, 2: [115]-185. 1913.
5. *Tetrasporales*, 5: [21]-51. Dec 1915.
(2) *Kryptogamenflora der Mark Brandenburg*: *Algae*, 3(1): (1)-128. 4 Mar 1907; 3(2): 129-304. 25 Sep 1907; 3(3): 305-496. 12 Jun 1908; 3(4): 497-712. [i]-x, [(1)]-(29). 15 Jun 1910; *Copy*: MO (orig. covers), main t.p. "*Algen* I (Schizophyceen, Flagellaten, Peridineen) . . ." Leipzig (Verlag von Gebrüder Borntraeger) 1910. Oct.
(3) Brandt, K. und C. Apstein, *Nordische Plankton, Botanische Teil*, part 21, p. 1-40, *Flagellatae* et al.

EPONYMY: *Lemmermannia* R. Chodat (1900); *Lemmermannia* A. A. Elenkin (1933); *Lemmermanniella* L. Geitler (1942); *Lemmermanniella* B.V. Skvortzov (1968).

4390. *Das Plankton schwedischer Gewässer* [Stockholm (Kungl. Boktryckeriet) 1904]. Oct. (*Plankt. schwed. Gew.*).
Publ.: 15 Apr-30 Mai 1904 (p. 209: tryckt 15 Apr 1904; Nat. Nov. Jun(1) 1904), p. [1]-209, *pl. 1-2*. *Copy*: U. – Arkiv för Botanik Band 2. N:o 2.

Lemmon, John Gill (1832-1908), American botanist and plant collector; born in Michigan; involved in the civil war; from 1866 in California, first in Sierra Valley, later at Oakland; on Calif. State Board of Forestry 1888-1892; married to Sara Allen Plummer (1836-1929), who accompanied him on many of his collecting trips. (*Lemmon*).

HERBARIUM and TYPES: UC; other material at LIV and NA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 367; Bossert p. 234; CSP 12: 439, 16: 699; DAB (by W. L. Jepson) 1: 162-163; Hortus 3: 1198 ("Lemm."); IH 1(ed. 6): 361, 2: 430; Kew 3: 409; Langman p. 437; Lenley p. 262; NW p. 51; Tucker 1: 422; Zander ed. 10, p. 684.
Anon., Bot. Gaz. 17(1): 21. 1909.
Brewer, W. H., *in* S. Watson, Bot. Calif. 2: 558-559. 1880.
Cantelow, Leafl. Western Bot. 8: 94-95. 1957.
Copeland, Madroño 5: 77. 1939.

Dunn, D. B., Some type material in a collection of J. G. Lemmon's plants. Leaflets of Western Botany 9(11): 178-180. 1961.
Ewan, J., Rocky Mountain naturalists 249. 1950; *in* Century progress natl. Sciences 54. 1955; Short hist. bot. U.S. 12. 1969.
Harshberger, J. W., Bot. Philadelphia 16, 26, 282, 326. 1899.
McVaugh, R., Edward Palmer 69, 185. 1956; Contr. Univ. Mich. Herb. 9: 258. 1972.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 490 [index]. 1963.
Reifschneider, O., Biogr. Nevada bot. 1844-1963, 30-42. 1964 (err. John Gibbs Lemon), for corr. and addition see Ewan, Madroño 19: 31. 1969.
Reveal, J., *in* A. Cronquist et al., Intermountain Flora 1: 53, 54. 1972 (portr.).
Rickett, H. W., Index Bull. Torrey bot. Club 62. 1955.
Rodgers, A. D., Amer. bot. 1873-1892: 331 [index, 17 entries].

EPONYMY: *Lemmonia* A. Gray (1876). *Note*: *Plummera* A. Gray (1882) is dedicated to his wife Sara Allen Lemmon, née Plummer (1836-1923), who accompanied him on his botanical trips. (The genus is based on a collection made by Mr. and Mrs. Lemmon in Arizona). – *Mount Lemmon*, Arizona.

4391. *Ferns of the Pacific Coast*, including Arizona. A full conspectus of the tribes and genera, with a classified list of the species, giving principal points of distinction and localities of growth . . . San Francisco (Bacon & Company, printers) 1882. (*Ferns Pacif. Coast*).
Publ.: 1882, p. [1]-13, [14-15]. *Copy*: MO.
Note: Lemmon mentions in his text the preparation of a *Manual of Pacific ferns* by his wife Sara Allen Plummer Lemmon (1836-1923). This *Manual* was never published; Mrs. Lemmon's only publication on ferns appeared in the *Pacific Rural Press*, 26 March, 1881: *Ferns of the Pacific Coast*. The only known *copy* of this fairly substantial paper is at MO. It is reproduced, with introductory notes, by Ewan, Amer. midland Natural. 32: 513-518. 1944.

4392. *Pines of the Pacific Slope* particularly those of California. From the report of J. G. Lemmon, botanist for the California State Board of Forestry. Published by the author [Oakland, Calif.] 1888. (*Pines Pacif. Slope*).
Publ.: 1888 (t.p.; the author forwarded a copy to Trelease in Jan 1889), p. [1]-13. *Copy*: MO.

4393. Hand-book of West-American cone-bearers. Approved English names with brief popular descriptions of the *Cone-bearing trees of the Pacific Slope* North of Mexico and West of Rocky Mountains. J. G. Lemmon, Oakland, Cal. . . . First edition. March 1892. Oct. (*Cone-bear. trees pacif. Slope*).

Ed. 1: Mar 1892, frontisp., [1]-24. *Copies*: MO, USDA.
Ed. 2: Apr 1892, frontisp., [1]-24. *Copies*: US, USDA.
Ed. 3: Jul 1895, p. [i]-xv, [xvi], [15]-104, *pl. 1-17*. *Copies*: MO, US (rd. by Coville 15 Aug 1895). – "Third (pocket) edition. July, 1895."
Ed. 4: Jul 1900, p. [i]-xv, [xvi], [17-116], *pl. 1-17*. *Copy*: USDA. – "Fourth (pocket) edition. With 2-page appendix of changes and new matter. July, 1900."

4394. *Conifers of the Pacific slope* – how to distinguish them. By John G. Lemmon [Oakland, Calif. 1902]. Oct. (*Conif. Pacif. Slope*).
Publ.: Jun 1902, p. [i], [100]-130, chart, *pl. 62-64*. *Copy*: MO. – Reprinted from Sierra Club Bulletin 4(2), June 1902.

Lemoine (Pierre Louis) Victor (1823-1911), French horticulturist; trained e.g. at Gent by Louis Van Houtte; at Nancy from 1850; raised many new cultivars of *Begonia*, *Syringa*, *Clematis*, *Fuchsia* and *Deutzia*. (*Lemoine*).

HERBARIUM and TYPES: Unknown.

DATES: Rev. hort. ser. 2. 13. 1912: *b.* 21 Oct 1823, Delme (Meurthe); *d.* 12 Dec 1911, Nancy.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 570; Backer p. 321; BM 3: 1088; CSP 8: 201, 10: 561-562, 16: 702; Hortus 3: 1198 ("Lemoine, V."); Jackson p. 289; Kew 3: 410; MW p. 267;

Rehder 5: 503; Tucker 1: 422; Zander ed. 10, p. 684.
Bois, Rev. hort. ser. 2. 12: 13-17. 1912 (portr.).
Fox, Natl. hort. Mag. 1951 (Apr): 83-100 (on L. and the Deutzias).
Henry, V., J. Soc. natl. Hort. France ser. 4. 13: 462-467. 1912.
Guillaumin, A., Les fleurs des Jardins lxvii-lxviii, *pl. 20*. 1929 (portr.).

EPONYMY: *Lemoinella* L. Morellet & J. Morellet (1913) is dedicated to Paul Lemoine (1878-1940), French geologist and paleontologist.

4395. *Atlas des charactères spécifiques des plantes de la flore parisienne* & de la flore rémoise accompagné de la synonymie et des indications relatives à l'époque de la floraison, à l'habitat et aux propriétés alimentaires, médicinales et industrielles de la plante par Victor Lemoine . . . Reims (Librairie E. Deligne gérant: Ernest Renart), Paris (Savy éditeur) 1880-1881, 3 parts. (*Atlas char. pl. paris.*).

1: Jan-Feb 1880 (Nat. Nov. Mar(2) 1880), p. [i-vi], *pl. 1-10* with lvs. 1-10 text (one sided).
2: Jan-Apr 1880 (Nat. Nov. Mai(1) 1880; J. Bot. Jun 1880), *pl. 11-20*, with 10 lvs. text (one-sided).
[*3*]: 1881 (Bot. Zeit. 24 Jun 1881), p. [i-iv], *pl. 1-10*, lvs. 1-10 text (one-sided). "Les fougères."
Copies: NY, U.
Ref.: Prantl, K. A. E., Bot. Zeit. 38: 699-700. 1880, 39: 564. 1881.

Le Monnier, [Lemonnier] **Louis Guillaume** (1717-1799), French botanist at Paris, pupil of Bernard de Jussieu, state physician, professor of botany at the Jardin du Roi (1758-1786), sent Michaux to the Near East, Aublet to Guyana, Desfontaines to North Africa and Labillardière to the Lebanon. (*Le Monn.*).

HERBARIUM and TYPES: G (10.000 collected by L. himself, furthermore by Commerson (3000), Labillardière (types Icon. pl. Syr. rar., 1000 specimens), Desfontaines, Michaux. Further material at FI (herb. Desfontaines) and P.

NOTE: see Lasègue p. 54-65 for a description of the Le Monnier herbarium as it was bought by Benjamin Delessert, giving details on the constituent private herbaria.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 368; BM 3: 1088; CSP 8: 201; Dawson p. 528, 943; Dryander 1: 237, 3: 552, 5: 322; DSB 8: 176-178; IH 2: 430; Jackson p. 94; Lasègue p. 54-65, 574; LS 15197; Moebius p. 347; PR (alph.) (ed. 1: 5756-5757); Rehder 5: 503; TL-2/1: see index.
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Cohen, B., Mem. Amer. philos. Soc. 43. 1956 (657 p.; Franklin and Newton, with notes on L's work on electricity).
Cuvier, G., Notice historique sur Louis-Guillaume Lemonnier. Paris (Baudoin) Ventôse an ix [1801], 17 p.
Duprat, G., Les botanistes français en Amérique du Nord 231-252. 1957.
Fries, Th. M., Bref Skrifv. Linné 1(4): 8, 11, 21, 1910; 1(5): 51. 1911; 1(6): 211, 301, 316, 435. 1912; 1(7): 84, 86. 1917.
Guillaumin, A., Les fleurs des jardins xxvii-xxviii. 1929.
Hulth, J. M., Bref Skrifv. Linné 2(1): 123, 124. 1916.
Lapeyrouse, P. P. de, Hist. abr. pl. Pyren. xxv-xxvi. 1813.
Nicolas, J. P., *in* G. H. M. Lawrence, ed., Adanson 1: 384 [index]. 1963.
O., Dict. Sci. méd. 6: 2. 1824.
Robbins, Garden J. 8(3): 80-81, 93. 1958.
Stafleu, F. A., Intr. Jussieu Gen. Pl. xxviii, xxx. 1964; Linnaeus and the Linnaeans 275, 278-280, 321, 324. 1971; also *in* Lawrence, Adanson 1: 140, 145, 239, 241. 1963.

EPONYMY: *Moniera* [sic] P. Browne (1756), *Moniera* Loefling (1758), *Monniera* A. L. Jussieu (1789, *orth. var.* of *Moniera* Loefling), and *Monnieria* Linnaeus (1759, *orth. var.* of *Moniera* Loefling) are probably commemorating him. *Lemonniera* E. De Wildeman (1894), *Le-Monniera* Lecomte ex Baehni (1938), and *Neolemonniera* H. Heine (1960) are dedicated to G. Le Monnier, French botanist.

Lendner, Alfred (1873-1948), Swiss mycologist. (*Lendn.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 368; BL 2: 571, 681; BM 7: 620; CSP 16: 707; Hawksworth p. 184; Hirsch p. 172; Kew 3: 410; LS 15207-15213, 35938-35945, suppl. 15809-15843; Stevenson p. 1249; Tucker 1: 422.

EPONYMY: *Lendneria* Minod (1918).

4396. Matériaux pour la flore cryptogamique suisse. Publiés sur l'initiative de la Société botanique suisse par une commission de la Société helvétique des sciences naturelles aux frais de la Confédération. Vol. iii, fascicule i. *Les mucorinées de la Suisse* . . . Berne (K.-J. Wyss, libraire-éditeur) 1908. Oct. (*Mucor. Suisse*).
Publ.: late 1908 (Bot. Zeit. 1 Jan 1909, 1 Mai 1909; Nat. Nov Feb(1), Apr(1) 1909), p. [ii-vii], [1]-180, [1-2], *pl. 1-3*. *Copies*: Stevenson, U, USDA. – Alt. t.p.: "*Les mucorinées de la Suisse* Par Dr. Alf. Lendner . . ."

Lenoble, Félix (1867-1949), French floristic botanist; trained at the teachers College of Saint-Cloud; high school teacher at Rennes and Valence; from 1900-1933 "inspecteur du travail" (factory inspector) at Angoulême, Marseille, Privas, Valence and Dijon. (*Lenoble*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 368; BL 2: 147, 176, 681.
Offner, Mém. Soc. bot. France 1949: 3-7 (bibl., portr.).

4397. *Catalogue raisonné des plantes vasculaires du département de la Drôme* par F. Lenoble avec une préface par le Dr. Jules Offner et une introduction historique et phytogéographique. Grenoble (Imprimerie Allier père & fils . . .) 1936. Oct. (*Cat. pl. vasc. Drôme*).
Publ.: 1936, p. [i-iii], [1]-506, map. *Copies*: G, NY. Reprinted from Bull. Soc. Sci. Dauphiné 55: 1-506. 1935. For a supplement see Breistroffer 1937-1941.
Ref.: Breistroffer, M., Proc. Verb. Soc. Dauph. Étud. Biol. 16: 49-58. 21 Apr 1937; 17: 58-68. 20 Apr 1938; 17: 121-129. 30 Nov 1938; 20: 68-84. 1941.

Lenormand, [Sébastien-] René (1796-1871), French botanist in Normandy; admitted as lawyer 1820; practiced in Vire until 1835; retired to his property at Lénaudières devoting himself exclusively to botany; compiled a considerable herbarium. (*Lenorm.*).

HERBARIUM and TYPES: CN and L (see Koster 1936), duplicates in many herbaria, see IH.
Exsiccatae: *Thalassophytes de France*, ser. 1, nos. 1-100, ser. 2, nos. 1-100, Vire 1847.
Ref.: Koster, J. T., Blumea 2(3): 231, 232-233. 1936; Taxon 18: 555. 1969.
Sayre, G., Mem. New York Bot. Gard. 19(1): 85. 1969, 19(3): 357-358. 1975.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 369; BM 3: 1089; Bossert p. 234; Clokie p. 198; CSP 8: 202, 12: 441; Frank 3(Anh.): 57; IH 2: 431; Kew 3: 411; KR p. 387-388; Lasègue p. 101, 322, 574; Lenley p. 462; PR (alph., add.); SK 1: 320; TL-2/1: see Drake del Castillo, E.; Urban-Berl. p. 266, 271, 288, 305, 369.
Anon., Flora 55: 63-64. 1872, Bot. Zeit. 30: 168. 1872.
Jaubert, H. F. de, Bull. Soc. bot. France 19: 104-112. 1872, also reprinted, Paris, 1872, 11 p. (Notice sur la vie et les travaux de . . .).
Le Testu, Rev. bryol. lichénol. 14: 1-6. 1944 (corr. with Husnot).
Morière, Bull. Soc. bot. France 18: 390-394. 1871; Notice biographique sur Sébastien-René Lenormand. Caen, 1873, 31 p. (Mém. Acad. Sci. Arts, Belles-Lettres Caen, Année 1874, p. 49-78).
Wittrock, V. B., Acta Horti Berg. 3(3): 106-107, *pl. 140*. 1905.
Zetterstedt, J. E., Bot. Not. 1872: 26-27.

EPONYMY: *Lenormanda* Delise (1841, *nom. rej.*); *Lenormandia* Trevisan (1843, *nom. rej.*); *Lenormandia* Montagne (1844, *nom. rej.*); *Lenormandia* Sonder (1845, *nom. cons.*); *Lenormandiopsis*

Papenfuss (1967). Whether *Mandelorna* Steudel (1854, anagram of *Lenormandia* Steudel (1850), an invalidly published name) also commemorates him, could not be established.

Lenz, Harald Othmar (1798-1870), German high school teacher and naturalist and historian of science at Thorn (1820-1823), Marienwerder (1823-1824) and from 1824 at Schnepfental, Thüringen. (*Lenz*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 18: 278, 21: 795; Ainsworth p. 297, 317; BFM 3202; BM 3: 1090; CSP 3: 955; Frank 3(Anh.): 57; GR p. 28, 105, 169 (q.v. for birth date), cat. p. 67; HU 2(1): clxxvii; Jackson p. 21, 47, 164; Lasègue p. 422; LS 15218; Moebius p. 114, 131; NAF 9(6): 441; NI 1175; PR 5214-5215 (ed. 1: 5762-5763); Rehder 5: 504; Stevenson p. 1249; Tucker 1: 422.

Anon., Bot. Not. 1871: 35; Flora 53: 60. 1870; Bot. Zeit. 28 63. 1870; Z. Pilzk. 22: *pl. 1.* 1938 (portr.).

Ratzeburg, J. T. C. Forstwiss. Schrifsteller-Lexikon 305-307. 1874 (autobiogr.) ("Gegen den Darwinismus, den ich für ein in die Naturgeschichte gar nicht gehöriges Phantasie-Gebilde halte, habe ich mich . . . ausgesprochen, ohne ihn zu nennen.").

Raub, Schweiz. Z. Pilzk. 49: 153-158. 1971.

HANDWRITING: Z. Pilzk. 22: *pl. 1.* 1938.

EPONYMY: *Lenzia* R. A. Philippi (1863); *Lenzites* E. M. Fries (1835); *Lenzitina* P. A. Karsten (1889); *Lenzitopsis* G. Malençon & R. Bertault (1963).

4398. *Die nützlichen und schädlichen Schwämme*, nebst einem Anhange über die isländische Flechte, . . . Gotha, (Beckersche Buchhandlung) 1831. Oct. (*Nütz. schädl. Schwämme*).

Ed.[*1*]: 1831, frontisp., p. [i]-vi, [1]-130. *Copies*: MICH, NY, USDA. – Plates published separately, see no. 4399.

Ed. 2: 1840, p. [i]-vi, [1]-170, *pl. 1-16* (col. liths., J. C. Ausfeld). *Copies*: B, MICH, NY. – "Zweite, sehr veränderte und durch Beschreibung der auffallendsten übrigen in Deutschland wachsenden Schwämme vermehrte Ausgabe." Gotha (id.) 1848. Oct. (in fours).

Ed. 3: Jan-Apr 1862 (Bot. Zeit. 5 Sep 1862; BSbF Mai 1862), p. [i, iii], [1]-148, *pl. 1-12* (col. liths.). *Copies*: B, NY. "Dritte, sehr veränderte Auflage." Gotha (Verlag von E. F. Thienemann) 1862. Oct. – Bot. Zeit. 24 Nov 1865 mentions a reissue of ed. 3 dated 1865 (n.v.).

Ed. 4: 1868, p. [i], [1]-175, *pl. 1-19* (chromoliths.). *Copy*: NY. – "Vierte, veränderte Auflage." Gotha (Verlag von E. F. Thienemann's Hofbuchhandlung) 1868. Oct.

Ed. 5: 1874 (p. iv: Apr 1873), p. [i-iv], [1]-212. [1-2], *pl. 1-20* (19-20 col.). *Copies*: G, NY. – "Dr. Harald O. Lenz' *nützliche . . . Schwämme . . .* Fünfte Auflage. Bearbeitet von A. Röse, . . . Mit nach der Natur gezeichneten und gemalten Abbildungen auf 20 Tafeln." Gotha (id.) 1874. Oct.
Edited by: August Röse (1821-1873).

Ed. 6: Apr-Aug 1879 (p. iii: Mar 1879; Nat. Nov. Sep(1) 1879; Bot. Zeit. 10 Oct 1879), p. [i-iv], [1]-223, [224], *pl. 1-20* (*2-20* chromoliths., *1* plain). *Copies*: B, MICH, NY. – "Prof. Dr. Harald O. Lenz' *nützliche, schädliche und verdächtige Schwämme.* Sechste Auflage. Bearbeitet von Dr. Otto Wünsche . . . Mit nach der Natur gezeichneten und gemalten Abbildungen auf 20 Tafeln." Gotha (id.) 1879. Oct.
Edited by: Friedrich Otto Wünsche (1839-1905).

Ed. 7: Jun-Dec 1890 (p. iii: Mai 1890; Nat. Nov. Mar(2) 1891; Bot. Zeit. 30 Jan 1891), p. [i-iv], [1]-197, [198], *pl. 1-20* (1 uncol., 2-20 chromoliths.). *Copies*: B, G. – ". . . Siebente Auflage bearbeitet von Dr. Otto Wünsche, . . ." Gotha (id.) 1890. Oct.

4399. *Abbildungen der nützlichen und schädlichen Schwämme* . . . Gotha (Beckersche Buchhandlung) 1831. (*Abbild. nützl. schädl. Schwämme*).

Publ.: 1831, cover, *pl. 1-18*, col. liths. by J. C. Ausfeld, list of plates on p. [2] and [3] of cover. *Copies*: NY, Stevenson.

4400. *Botanik der alten Griechen und Römer*, deutsch in Auszügen aus deren Schriften, nebst Anmerkungen . . . Gotha (Verlag von E. F. Thienemann.) 1859. Oct. (*Bot. Griech. Röm.*).
Publ.: Jan-Mar 1859 (p. vi: 1 Jan 1859; Bot. Zeit. 8 Apr 1859), p. [i]-viii, [1]-776. *Copies*: MICH, NY, USDA.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 17: 132. 1859.

Léon, Frère [Sauget y Barbis, Joseph Sylvestre], [Hermano Léon] (1871-1955), French-born botanist; member of the Frères des écoles chrétiennes; settled at La Salle, Havana, Cuba in 1905; author of *Flora de Cuba* (1946-1963); Dr. phil. h.c. Columbia 1927. (*Léon*).

HERBARIUM and TYPES: HAC. Cuban material in many herbaria.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 210; BL 1: 225, 305; Bossert p. 234; Hortus 3: 1198 ("Leon"); IH 1(ed. 6): 395, 2: 431; Kew 3: 412; Lenley p. 262; Plesch p. 325.
Alain, Taxon 5: 125-130. 1956; Contr. ocas. Museo Hist. nat. Collegio "De la Salle" 15: 1-2. 1956.
Anon., Torreya 83(4): 305-307. 1956 (portr.).
Leon, Hermano & Hermano Alain, Flora de Cuba 4: frontisp. 1957 (portr.).
Ponce de Leon, A. et al., Homenaje postumo al Dr. José Silvestre Sauget (Hermano Leon). Facultad de Ciencias, Universidad de la Habana. s.d., 53 p. (bibl., portr.).

COMPOSITE WORKS: Leon, Hermano (J. S. Sauget) and Hermano Alain (E. E. Liogier), *Flora de Cuba*. Habana, Rio Piedras 1946-1963, contr. occ. Mus. Hist. nat. La Salle 8, 10, 13, 16, part 5 publ. indep. at Rio Piedras. – *Parts 1-4*: reprinted Koenigstein-Taunus (Otto Koeltz) 1975, ISBN 3-87429-077-8, in three volumes of which vol. 3 is a reissue of the original sheets of part 5 (see Taxon 24: 382. 1975).

EPONYMY: *Saugetia* A. S. Hitchcock & A. Chase (1917).

4401. *Las exploraciones botanicas de Cuba* reseña comparativa de la contribución del Dr. N. L. Britton y de los botánicos anteriores, al conocimiento de la flora cubana . . . Habana (Imprenta "el Siglo xx" de la Sociedad editorial de Cuba contemporánea . . .) 1918. Qu. (*Explor. bot. Cuba*).
Publ.: 1918, p. [1]-47, 1 sheet maps. *Copy*: US. – Published in the "Memorias de la Sociedad Poey." For Nathaniel Lord Britton (1859-1934), see TL 2: 332-348; this publication followed upon the nomination of Britton as Socio honorario of the Sociedad cubana de historia natural Felipe Poey on 26 Mai 1917.

Leonard, Emery Clarence (1892-1968), American botanist, at the Smithsonian Institution from 1918; specialist on Acanthaceae. (*E. Leonard*).

HERBARIUM and TYPES: US; for duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 369 (orig.); Bossert p. 235; GR p. 228; Hirsch p. 173; Hortus 3: 1198 ("Leonard, E."); IH 2: 431; Kew 3: 412; Langman p. 440; NW p. 51; Roon p. 68; Zander ed. 10, p. 684.
Pennell, F. W., Bartonia 22: 29. 1943.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 209. 1963.
Rickett, H. W., Index Bull. Torrey bot. Club 63. 1955.
Rouleau, E., Rhodora index volumes 51-75. 237. 1967.

EPONYMY: *Leonardia* Urban (1922). Note: *Leonardendron* A. Aubréville (1968) and *Leonardoxa* A. Aubréville (1968) are dedicated to Jean Joseph Gustave Léonard (1920-x), Belgian botanist; *Leonardosia* F. W. Sommier (1954) is dedicated to Othon Henry Leonardos, Brazilian paleobotanist.

4402. *The North American species of Scutellaria* . . . Washington (Government Printing Office) 1927. Oct. (*N. Amer. Scutellaria*).
Publ.: 9 Feb 1927 (stamped copy at US), p. [i]-v, 703-748, vii-viii. *Copy*: US. – Contr. U.S. natl. Herb. 22(10). 1927.

Leonhardi, Peter Carl Pius Gustav Hermann, Freiherr **von** [Hermann von L.] (1809-1875), German botanist and philosopher; at München 1831-1849; from 1849 professor of philosophy at Praha University. (*Leonhardi*).

HERBARIUM and TYPES: PR (much *Viola*; Characeae); various Characeae were also at B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 370; BM 3: 1092; Bossert p. 235; CSP 3: 957, 8: 203, 10: 565, 12: 441; IH 2: 432; Jackson p. 265; Kew 3: 414; Klášterský p. 120; Maiwald p. 280; PR 5218; Urban-Berl. p. 271.
Anon., Hedwigia 14: 128. 1875; Jahresber. k. böhm. Ges. Wiss. 1876: xxxviii; Leopoldina 11: 164-168. 1875.
Wittrock, V. B., Acta Horti Berg. 3(2): 83, *pl. 23*. 1903.
Wood, R. D., Monogr. Charac. 1: 823. 1965.

'EPONYMY: *Leonhardia* Opiz (1857).

4403. *Die böhmischen Characeen* . . . Prag [Praha] (bei Friedrich Tempsky) 1863. Qu. (*Böhm. Charac.*)
Publ.: Apr-Jul 1863 (Flora rd. Aug-Sep 1863), p. [1]-20. *Copy*: NY. – Reprinted from Lotos 13: 55-62. Apr 1863, 69-80. Mai 1863, 110-111. Jul 1863.

4404. *Die bisher bekannten österreichischen Armleuchter-Gewächse* besprochen vom morphogenetischen Standpuncte. Naturforschern und Philosophen gewidmet von Dr. Hermann Freiherrn v. Leonhardi, . . . Prag [Praha] (Verlag von Fr. Tempsky.) 1864. Oct. (*Österr. Armleuchtergew.*).
Publ.: Mai-Oct 1864 (p. 8: 13 Apr 1864; BSbF rd. 11 Nov 1864; Flora rd. Nov 1864), p. [1]-105, [106, err.], 1 chart. *Copies*: B, NY. – Reprinted from Verh. naturf. Ver. Brünn 2: 122-224. 1864. – "Armleuchtergewächse" = Characeae.

Leonhardt, Carl (1902-x), German botanist at Jena. (*Leonhardt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 436.

4405. *Flora von Jena* mit besonderer Berücksichtigung der Ziergehölze in den Anlagen und einer Reihe botanischer Ausflüge . . . Jena (Verlag von Bernhard Vopelius) 1900. Oct. (*Fl. Jena*).
Publ.: Jun-Jul 1900 (p. vi: Mai 1900; Nat. Nov. Jul(2) 1900; Bot. Zeit. 1 Oct 1900), p. [i]-viii, [1]-311. *Copies*: B(2).

Lepechin, Ivan Ivanovich (1737-1802), Russian botanist; director of the St. Petersburg botanical garden. (*Lepech.*).

HERBARIUM and TYPES: LE; other material at H.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1092; CSP 3: 958; De Toni 1: lxxvii; Dryander 2: 30, 71, 185, 197, 292, 339, 344, 3: 236, 295, 344, 462; Hortus 3: 1198 ("Lepech."); IH 2: 432; Kew 3: 415; Lasègue p. 412; MW p. 267; PR (alph.) (ed. 1: 5773); TR 760-770; Zander ed. 10, p. 684.
Fries, Th. M., Bref och Skrifv. Linné 1(2): 371. 1908.
Radde, G., Grundz. Pflanzenverbr. Kaukasusländer 15. 1899 (Veg. Erde 3).
Shetler, S. G., Komarov bot. Inst. 44-65. 1967.

EPONYMY: *Lepechinia* Willdenow (1804); (and possibly:) *Lepechiniella* Popov (1953).

Lerche, Johann Jakob (1703-1780), German-born Russian military physician and botanist at St. Petersburg. (*Lerche*).

HERBARIUM and TYPES: Material at L and LINN.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 192; Barnhart 2: 370; Dryander 3: 174, 291, 4: 57, 5: 323; IH 2: 433; Lasègue p. 574; PR 5223; Quenstedt p. 259; Rehder 5: 505; TL-2/1: see Gorter, D. de; TR 772-773; Tucker 1: 423.
Fries, Th. M., Bref Skrifv. Linné, 1(2): 282. 1908; 1(4): 130, 138. 1910; 1(6): 32, 39, 40, 42, 63. 1912; 1(8): 188, 189, 190. 1922.

EPONYMY: *Lerchea* Linnaeus (1771, *nom. cons.*); *Lerchia* Haller ex Zinn (1757, *nom. rej.*)

4406. *Descriptio plantarum* quarundam partim minus cognitarum Astrachanensium et Persiae provinciarum Caspio mari adjacentium juxta methodum sexualem excellentissimi domini archiatri Caroli de Linne. Accedit plantarum catalogus istarum regionum cum variis observationibus . . . [Norimbergae (impensis Wolfgangi Schwarzkopfii)] 1773. Qu.
Publ.: 1773, 46 p.; no independently paged reprint seen. Published in Nova Acta Acad. Leop. 5(app.): 161-206. 1773. The Banks copy (see Dryander) also has the original pagination. *Copy* (journal): U; (reprint): HH (p. i-iv, 161-206). To be cited from journal.
Ref.: Zuchold, E. A., Jahresber. nat. Ver. Halle 5: 33. 1853.

Leresche, Louis François Jules Rodolphe (1808-1885), Swiss botanist and plant collector; clergyman at Château d'Oex(Vaud) 1845-1866. (*Leresche*).

HERBARIUM and TYPES: Main material (personal herb.) at LAU; duplicates in many herbaria, see IH.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 361, 12(3): 215; Barnhart 2: 371; BM 3: 1093; Bossert p. 235; CSP 8: 205, 10: 569, 16: 727; DTS 6(4): 56; Hortus 3: 1198 ("Leresche"); IH 2: 433; Kew 3: 416; SBC p. 125 ("Ler."); Tucker 1: 423; Zander ed. 10, p. 684.
Anon., Bot. Not. 1886: 39; Bot. Zeit. 44: 31. 1886.
Cavillier, F. G., Boissiera 5: 60. 1941.
Charpin, A. & Burdet, H. M., Musées de Genève 186: 14-19. 1978 (portr.).
Lucante, Rev. de Bot. 4: 333. 1886.
Schnetzler, Bot. Centrabl. 24(5): 157-159. 1885; Actes Soc. helv. Sci. nat. 68: 140-142. 1886.
Willkomm, M., Grundz. Pflanzenverbr. Iber. Halbinsel 21, 25. 1896 (Veg. Erde 1).

HANDWRITING: Candollea 31: 327-328. 1976.

EPONYMY: *Lereschia* Boissier (1844).

4407. *Deux excursions botaniques* dans le nord de l'Espagne et le Portugal en 1878 et 1879 par Louis Leresche et Émile Levier . . . Lausanne (Imprimerie Georges Bridel) 1880. Oct. (*Deux excurs. bot.*)
Co-author: Émile Levier (1839-1911).
Publ.: Jan-Jun 1881 (t.p. 1880; Nat. Nov. Jul(2) 1881; Bot. Zeit. 26 Aug 1881 (as of "1881")), p. [1]-199, *pl. 1-9* (uncol. liths., nos. 1-4 by Ch. Cuisin, no. 5., partly col., by Levier). *Copy*: G.
Ref.: Engler, Bot. Jahrb. 2: 349. 17 Nov 1881, 3: 24: 1882 ("erschienen 1881!").
N.L., Bot. Zeit. 39: 549. 1881.

Lesacher, Eugène (1824-?), French botanist. (*Lesacher*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Jackson p. 276; NI 1177; Plesch p. 305; Rehder 5: 505; Sotheby 448; Tucker 1: 424.

4408. E. Lesacher & M.-A.-A. Mareschal. *Nouvelle botanique médicale* comprenant les plantes des jardins et des champs susceptibles d'être employées dans l'art de guérir. De leurs vertus et de leurs dangers, d'après les anciens auteurs et les auteurs modernes, avec planches dessinées et peintes d'après nature, puis chrômo-lithographiées, par M.-A.-A. Mareschal. Planches entièrement inédites . . . Paris (Librairie R. Simon, . . .) 1876-1883, 4 vols. Qu. (size). (*Nouv. bot. méd.*).

Publ.: In 100 parts, each with 7 or 8 p. text and *2 pl.* The copy at USDA has the original covers and shows the contents of the parts; the fascicles, however, are not precisely dated.
1: 1876 (p. vi: Nov 1875), p. [i*-iii*], [i]-vi, [1], *fasc. 1-25* with 50 unnumbered plates with 7-8 p. text, [1]-10 index.
2: 1878 (t.p.), p. [i-iii], fasc. 26-50 (id.), [1]-12 index.
3: 1880 (Nat. Nov. Dec(2) 1881), p. [i-iii], fasc. 51-75 (id.), [1]-11 index.
4: 1883 (Nat. Nov. Nov(1) 1883), p. [i-iii], fasc. 76-100 (id.), [1]-42, [1-2 err., printer's date 8 Aug 1883).
Copies: MO, USDA.

Leschenault de la Tour, Jean Baptiste Louis [Claude] Théodore (1773-1826), French botanical explorer, e.g. on Le Naturaliste and Le Géographe (1801-1804) with Baudin; in India 1816-1821, Brazil 1823-1824. (*Lesch.*).

HERBARIUM and TYPES: P, PC; further material in FI (herb. Desf.).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 325; Barnhart 2: 371; BM 3: 1094; Bossert p. 235; Clokie p. 198; CSP 3: 967, 6: 712, 12: 442; Dawson p. 530, 943; Frank 3(Anh.): 57; Hortus 3: 1198 ("Lesch."); IH 2: 434; Lasègue p. 271-275, 430-432, 574; PR 5225-5226 (ed. 1: 5779-5780); Rehder 5: 505; SK 1: xxvi, 321-322, 8: lx-lxi; Tucker 1: 424; Zander ed. 10, p. 684.
Alain, Hermano, Contr. ocas. Mus. Hist. nat. "De la Salle" 15(1-2): 1-2. 1956.
Anon., Mém. Soc. Linn. Paris 5(2): 626-627. 1827.
Coats, A. M., The plant hunters 156, 205, 211, 223. 1969.
Deschamps, L. A., *in* Didot, Nouv. Biogr. génér. 30: 923-927. 1859.
Diels, L., Pflanzenw. W.-Austral. 42-44, 71, 72. 1906 (Veg. Erde vol. 7).
E-S, *in* Michaud, Biogr. univ. 24: 294.
Guillaumin, A., Les fleurs des Jardins xxxix. 1929.
Jeandet, A., Bull. Soc. Sci. nat. Saone-et-Loire 2: 124-158. 1884 (portr., bibl.; based on orig. sources).
Maiden, J. H., J. Proc. R. Soc. N.S.W. 44: 134-135. 1910.
Pritzel, G. A., Linnaea 19: 456-457. 1847.
Sirks, M. J., Ind. natuurond. 80, 102, 290. 1915.
Urban, I., Fl. bras. 1(1): 41-42. 1906 (itin.).
Wittrock, V. B., Acta Horti Berg. 3(2): 114-115. 1903.

HANDWRITING: Candollea 31: 329-330. 1976.

EPONYMY: *Latouria* (Endlicher) Lindley (1847); *Lechenaultia* [sic] R. Brown (1810). *Note*: *Latouria* Blume (1849) is dedicated to Latour (*fl.* 1822-1826), botanical artist working for Blume.

Leske, Nathanael Gottfried (1751-1786), German botanist, professor of agricultural economy at Leipzig (1775), ultimately at Marburg (1786). (*Leske*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 372; BM 3: 1094; Bossert p. 235; Dawson p. 530, 943; Dryander 5: 324; Frank 3(Anh.): 57; GR p. 105; Hortus 3: 1198 ("Leske"); PR 5228 (ed. 1: 5783); Quenstedt p. 259-260; Rehder 5: 506; TL-2/ 1790; Tucker 1: 424.
Jourdan, A. J. L., Dict. Sci. méd. 6: 22-23. 1824 (bibl.).
Roeper, Leipz. Magazin 1786: 504-520 (fide PR).
Zittel, K. A. von, Hist. geol. palaeont. 127, 130. 1901.

COMPOSITE WORKS: See BM 3: 1094.

EPONYMY: *Dendroleskea* Hampe (1869); *Leskea* J. Hedwig (1801); *Leskeadelphus* Herzog (1916); *Leskeella* (K. G. Limpricht) Loeske (1903); *Leskeodon* V. F. Brotherus (1907); *Leskeodontopsis* B. O. van Zanten (1964); *Leskeopsis* V. F. Brotherus (1931); *Pseudoleskea* Bruch & Schimper (1852); *Pseudoleskiella* Kindberg (1897); *Pseudoleskeopsis* V. F. Brotherus (1907); *Sciuroleskea* Hampe ex V. F. Brotherus (1925).

Lespinasse, Jean Martial Gustave (1807-1876), French botanist at Bordeaux. (*Lesp.*).

HERBARIUM and TYPES: BORD, other material at BR and E.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 562; Barnhart 2: 372; BL 2: 152, 681; BM 3: 1094; CSP 3: 970, 10: 570; De Toni 1: lxxvii, 4: xxxvi; IH 2: 434; Jackson p. 572; Kew 3: 419; LS 15255; PR (alph.); Rehder 5: 506; Tucker 1: 424.
Anon., Bull. Soc. bot. France 23: 25. 1876.
Raulin, *in* Lespinasse, G., Florula Sebastopolitana 319-322. 1881 (Actes Acad. Sci. Bordeaux 42(2): 319-322. 1881).
Wittrock, V. B., Acta Horti Berg. 3(3): 107, *pl. 140.* 1905.

4409. *Florula sebastopolitana* seu enumeratio plantarum anno 1855 circa Sebastopolim et Balaclavam à clariss. doct. Jul. Jeannel exercit. Gall. pharm. maj. collectarum simul cum animadversionibus adnotationibusque criticis auctore Gust. Lespinasse ... Burdigalae [Bordeaux] (ex typis G. Gounouilhou) 1881. Duod. (*Fl. sebastop.*).

Editor: Victor Félix Raulin (1815-1905).
Publ.: Jan-Mai 1881 (Bot. Zeit. 29 Jul 1881; Nat. Nov. Jun(2) 1881), p. [i-ii], 317-394. *Copies*: BR, NY. – Reprinted, with special t.p. and cover, from Actes Acad. Sci. Belles-Lettres Arts Bordeaux 42(2): 317-394. 1880. – We have no further data on Jules Jeannel except that he was chief pharmacist with the French eastern army during the siege of Sébastopol.

Lesquereux, Charles Léo (1806-1889), Swiss-born palaeobotanist and bryologist; to the United States in 1848 (abolishment by the revolutionary council of the Neuchâtel academy); first with Agassiz at Harvard; from 1849-1873 with Sullivant in Columbus, Ohio; from 1865 also working part time at Harvard. (*Lesq.*).

HERBARIUM and TYPES: NY; further important sets at NEU (e.g. bryophytes), OS, WTU. – With W. S. Sullivant (q.v.): *Musci boreali-americana ... exsiccata.* Fossil collections, see Darrah (1934, 1942), mainly at the Botanical Museum, Harvard; some later material also at US. Many Lesquereux type specimens of mosses are in the Sullivant and James collections at FH, which also holds bryophytes collected by L. himself. Many letters by L. are at Harvard University. The corrrespondence with Thomas Potts James (270 letters) and the manuscript of the *Manual of mosses* are at FH.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 294-295; Backer p. 325; Barnhart 2: 372; BJI 1: 37; BM 3: 1094-1095; Bossert p. 235; CSP 3: 970, 8: 208-209, 10: 570-571, 12: 442-443, 16: 735; DAB (by G. P. Merrill); DSB 8: 263-265; Frank 3 (Anh.): 57; Hortus 3: 1198 ("Lesq."); IH 1(ed. 6): 361, 2: 434-435; Jackson p. 572; Kew 3: 419; Lenley p. 463; LS 15256-15258; ME 3: 615 [index]; Merrill p. 498-499, 704, 704; MW p. 268; NAF ser. 2(3): 38; NI 1179-1180; PR 5230-5231 (ed. 1: 5786-5788); Quenstedt p. 260; Rehder 5: 506; SBC p. 125 ("Lesq."); TL-2/1: 312, see Bolander, H. N.; Tucker 1: 424; Urban-Berl. p. 271, 305.
Anon., Bot. Not. 1890: 45; Proc. Amer. Acad. Arts Sci. 25: 320-324. 1890.
Armstrong, Ohio Naturalist 1: 35-36. Jan 1901.
Barnes et al., Bull. Torrey bot. Club 26: 504-505. 1899.
Barnes, Bot. Gaz. 14: 272. 1889, 15: 16-19. 1890.
Boone, W., Hist. bot. W. Virginia 181, 182, 186. 1965.
Clarke, J. M., James Hall of Albany 221. 1923.
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Humphrey, H. B., Makers of North American Botany 141-143. 1961.
Husnot, P. I., Rev. bryol. 12(6): 95. 1885 (herb.).
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Knowlton, *in* Lesquereux, C. L., The flora of the Dakota group 15-18. 1891 (Monogr. U.S. Geol. Surv. 17: 15-18. 1892).
Lenley, S. et al., Cat. Arch. Coll. NYBG 263, 463. 1973.
Lesley, Proc. Amer. philos. Soc. 28: 65-70. 1890; Biogr. Mem. Natl. Acad. Sci. 3: 187-212. 1890.
Lesquereux jun., Ann. Bot. 3: 467-470. 1890 (bibl.).
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Murrill, W. A., Hist. Found. Bot. Florida 13, 23. 1945.
Nickles, Geol. lit. N. Amer. 1785-1918; 1: 654-656. 1923 (main bibl. of L's palaeobot. work).
Orton, Amer. Geol. 5(5): 284-296. 1890 (portr., partial bibl.).
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 491 [index]. 1963.
Rodgers, A. D., William Starling Sullivant 35 [index]. 1940; Amer. bot. 1873-1892, p. 331 [index 24 entries]. 1944; Liberty Hyde Bailey 28, 259, 298, 430. 1949.
Sarton, Isis 34(2): 97-108. 1942 (important study of L's work with discussion of sources, collections and portraits).
Smith, A. M., Bryologist 12(5): 75-78. 1909 (portr., bibl., handwriting).
Sternberg, C. H., The life of a fossil hunter 21-25. 1909.
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Ward, Ann. Rep. U.S. Geol. Survey 5: 376-377. 1885.

HANDWRITING: The Bryologist, 12: *pl. 9*, opposite p. 75. 1909; Amer. Geol. 5(5): *pl.* opp. p. 284. 1890; Isis 34(2): 97-108. 1942; Bartonia 28: *pl. 6*. 1957; Sternberg, C. H., Life foss. hunter, pl. opp. p. 24, 25. 1909.

EPONYMY: *Lescuraea* Bruch & W. P. Schimper (1851); *Lescuria* Perkins (1906); *Lescuropteris* W. P. Schimper (1869); *Lesquerella* S. Watson (1888); *Lesquereuxia* Boissier & Reuter ex Boissier (1853); *Lesquereuxia* S. O. Lindberg (1872, *orth. var.* of *Lescuraea* Bruch & W. P. Schimper); *Neolescuraea* Noguchi (1972).

4410. *Catalogue des mousses de la Suisse* [Neuchâtel 1846]. Qu. (*Cat. mousses Suisse*).
Publ.: shortly before 9 Jun 1846 (inscr. author copy MO), p. [i]-vi, [7]-54. *Copies*: G(2), MO. – Mém. Soc. Hist. nat. Neuchâtel vol. 3, 1845.

4411. *Lettres écrites d'Amérique* destinées aux émigrants . . . Neuchâtel (Imprimerie de H. Wolfrath) 1849-1851. Oct. (*Lettr. Amérique*).
Publ.: Reprints of a series of articles in the *Revue Suisse*. *Copies*: FH, LC.
1: Mai 1849 (in journal), p. [1]-27, t.p. reprint dated 1849.
2: Nov 1849 and Jan 1850 (id.), p. [29]-70. 1850.
3: Mar and Mai 1850 (id.), p. [71]-116. 1850.
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7: 1851 (id.), p. [235]-258. 1851.
8: 1851 (id.), p. [259]-295. 1851; table [297]-300.
Meant as a guide for prospective emigrants.

4412. *The palaeontological report* of S. S. Lyon, E. T. Cox and Leo Lesquereux, as prepared for the geological report *of Kentucky*, and published in vol. 3. Frankfort, Kentucky (A. G. Hodges, public printer.) 1857. Qu. (*Palaeontol. rep. Kentucky*).
Publ.: 1857, p. [i], [467]-578, *pl. 1-10*. *Copy*: USGS. – Includes: *Palaeontological report of the fossil flora of the Coal measures of the Western Kentucky Coal Field*, Geological Survey, State of Kentucky, third report.

4413. *Botanical and Palaeontological Report on the Geological State Survey of Arkansas*, by Leo Lesquereux [Philadelphia (C. Sherman and Son, Printers.) 1860]. Oct. (*Bot. palaeontol. rep. Arkansas*).
Publ.: 1860, p. [295]-399, *pl. 1-6*. *Copy*: MO. – Reprinted without imprint nor date from D. D. Owen, *Second report of a geological reconnoisance* of the middle and southern Counties *of Arkansas*. Made during the years 1859 and 1860, Philadelphia (id.) 1860, map, frontisp., [1]-433, *pl. 1-6* (uncol. liths. auct.).

4414. Memoirs presented to the California Academy of Sciences. Vol. I, Part I. *Catalogue of Pacific Coast mosses*. Lesquereux. San Francisco (Towne and Bacon, printers.) 1868. Qu. (*Cat. Pacif. Coast mosses*).
Publ.: Jan 1868 (p. 1;), p. [i-iv, contents of journal volume with errata to Lesquereux paper], [1]-38, [95]-98 ind. *Copies*: NY, Steere, USGS. – Reprinted with special cover (with title as above) from Mem. Acad. Sci. California 1(1): [i-iv], [1]-38, [95]-98. Title of paper on p. [1]: "*A catalogue of the species of mosses* found, up to the present time, on the North-West Coast of the United States, and especially in California."
Ref.: Anon., Flora 51: 384. 30 Sep 1868.

4415. United States Geological Survey of the Territories. Contributions to the fossil flora of the Western Territories. Part 1. *The Cretaceous flora*. By Leo Lesquereux. Washington: (Government Printing Office) 1874. Qu. (*Cretac. fl.*).
Publ.: late 1874 (p. [1]: 12 Feb 1874, p. [iii]: 1 Mar 1874; Bot. Zeit. 2 Jul 1875; Engelmann received his copy in 1875), p. [i-viii], [1]-136, err. slip, *pl. 1-30* with text. *Copies*: BR, G, MO, USDA. – U.S. Department of the Interior Report of the United States Geological Survey of the Territories, vol. 6. *Plates*: originally issued with 26 pl.; later reissued with 30 plates of which nos. 3-26 have corrected numbers on stickers covering the original nos.

4416. United States Geological Survey of the Territories. Contributions to the fossil flora of the Western Territories. Part ii. *The Tertiary flora* . . . Washington: (Government Printing Office) 1878. Oct. (*Tert. fl.*).
Publ.: 1878 (p. iii: 1 Jan 1878), p. [i]-xv, [xvi, err.], [1]-366, *pl. 1-65*, with text (uncol. liths.). *Copies*: BR, G, MO, NY, USDA. – Department of the Interior. Report of the United States Geological Survey of the Territories, vol. 7. – Lesquereux' ref. to Sap. Etts. i, ii, iii refers to Saporta. *Études sur la végétation du Sud-est de la France à l'époque tertiaire*. Lesquereux cites these publications from the reprints which have the original as well as independent pagination.

4417. Department of the Interior. U.S. Geological and Geographical Survey of the Territories . . . *Illustrations of cretaceous and tertiary plants of the Western Territories* of the United States. Washington: (Government Printing Office.) 1878. Qu. (*Ill. cretac. pl. W. Terr.*).
Publ.: 1878 (p. [iii]: 1 Jan 1878), p. [i, iii], *pl. 1-26* (uncol. liths.). *Copy*: USGS.

4418. Memoirs of the Museum of Comparative Zoölogy at Harvard College. Vol. vi. no. 2. *Report on the fossil plants of the auriferous gravel deposits of the Sierra Nevada*. By Leo Lesquereux. With 10 plates. Cambridge: (Welch, Bigelow, and company, University Press) 1878. Qu. (*Rep. foss. pl. Sierra Nevada*).
Collector: Josiah Dwight Whitney (1819-1896).
Publ.: 1878, p. [i]-vi, [1]-62, [58, ind.], *pl. 1-10* (double uncol. liths. by A. M. Rickly). *Copies*: USGS(2).

4419. Second geological survey of Pennsylvania: Report of progress. P. *Description of the Coal flora* of the carboniferous formation in Pennsylvania and throughout the United States . . . Harrisburg: (published by the board of commissioners for the second geological survey.) 1879-1884, 3 vols and atlas. Oct. (*Descr. Coal fl.*).

1: 1880 (p. v: 6 Feb 1880), map, p. [i*], [i]-xv, [1]-354, *pl. 86-87*.
2: 1880 (Bot. Zeit. 27 Mai 1881), p. [i]-v, [355]-694, [i]-lxiii, [lxiv, err.].
3: 1884 (p. v: 18 Jun 1884; Bot. Zeit. 30 Jan 1885), map, p. [i]-v, 695-977, *pl. 88-111* (double uncol. liths. by Fred. Earhart).
Atlas: 1879, p. [i-iv], 1-18, *pl. A-B, 1-85* (id., by Lesquereux and A. M. Rickly).
Copies: AMD, MO, NY.

4420. United States Geological Survey of the Territories. Contributions to the fossil flora of the Western Territories. part iii. *The cretaceous and tertiary floras* . . . Washington: (Government Printing Office.) 1883. (*Cretac. tert. fl.*).
Publ.: 1883 (p. v: 1 Nov 1883), p. [i]-xii, [1]-283, *pl. 1-46, 46A, 47-59*, with text (monochr. liths. by Al. M. Rickly). *Copies*: BR, G, MO, NY, U, USGS. – Department of the Interior. Report of the United States Geological Survey of the territories, vol. 8.

4421. *Manual of the mosses of North America* by Leo Lesquereux and Thomas P. James, with six plates illustrating the genera. Boston: (S. E. Cassino and Company) 1884. Oct. (*Man.*).
Co-author: Thomas Potts James (1803-1882).
Publ.: 13 Jun 1884 (letter Lesquereux to Watson 14 Jun 1884 at HH; p. v: Mai 1884, Trelease rd. his copy (at MO) Jun 1884; Bot. Zeit. 25 Jul 1884; Am. J. Sci. Aug 1884; J. Bot. Aug 1884; Flora 21 Aug 1884; Nat. Nov. Jun(2) 1884), p. [i]-v, [1]-447, *pl. 1-6* (uncol. liths.). *Copies*: B, G, MICH, MO, NY, US, USDA.
Reissue: 1895, p. [i]-v, [1]-447, *pl. 1-6* (id.). *Copies*: U, USDA. – Boston: (Bradlee Whidden) 1895. Oct.
Ref.: Husnot, T. H., Rev. bryol. 11(5): 75. 1884.
Knight, E. G., Bull. Torrey Bot. Club 11: 72. Jun 1884.
Braithwaite, R., J. Bot. 22: 284-285. Aug 1884.
Rau, E. A., Bot. Gaz. 9: 151-152. Sep 1884.
Engler, A., Bot. Jahrb. 6(Litt.): 65. 1885.

4422. United States Geological Survey . . . *The flora of the Dakota group* a posthumous work by Leo Lesquereux. Edited by F. H. Knowlton . . . Washington (Government Printing Office) 1891. Oct. (*Fl. Dakota gr.*).

Editor and partly author: Frank Hall Knowlton (1860-1926).

Publ.: 1892 (t.p. 1891, however t.p. of serial vol. 17: 1892; p. 18: 19 Dec 1890; TBC 15 Dec 1892; Bot. Gaz. Oct 1892), p. [1]-400, *pl. 1-66* (uncol. liths.). *Copies*: G, Teyler, USDA, USGS. – Department of the Interior. Monographs of the United States Geological Survey vol. 17, 1892. – Biography of L. by Knowlton on p. 15-18.
Ref.: Holm, Bot. Gaz. 17: 331-334. 1892.

Lessing, Christian Friedrich (1809-1862), German botanist, born in Polish Wartenburg, grand son of the poet, studied in Berlin, Dr. phil. 1832; travelled in Norway and in European and Asiatic Russia, settled ultimately at Krasnojarsk in Siberia. (*Less.*).

HERBARIUM and TYPES: CW (through Turczaninow); further material at B, FI, KIEL, L, LE, LY, MW.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 109; Barnhart 2: 372; BM 3: 1095; CSP 3: 971; Frank 3(Anh.): 57; Hortus 3: 1198 ("Less."); IH 2: 435; Jackson p. 129; Kew 3: 420; KR p. 388; Langman p. 441; Lasègue p. 574; MW p. 268; NAF ser. 2. 2: 164; PR 5232-5234 (ed. 1: 5790-5792); Rehder 5: 506; TL-2/1: 1082; TR 774; Tucker 1: 424; Zander ed. 10, p. 684.
Anon., J. Bot. 2: 224. 1864.
Herder, F. G. T. M. von, Bot. Jahrb. 9: 439. 1888.
Schlechtendal, D. F. L. von, Bot. Zeit. 22: 132. 1864.
Schmid, G., Chamisso als Naturforscher 170 [index]. 1942.

COMPOSITE WORKS: *Synanthereae* in Chamisso et Schlechtendal, Linnaea 6: 83-170. post Mar 1831, 209-260. Jul-Dec 1831, 501-528. Jul-Dec 1831.

HANDWRITING: Webbia 32(1): 14. 1977 (no. 23).

EPONYMY: *Lessingia* Chamisso (1829), also dedicated to his nephew Karl Friedrich Lessing (1808-1880), German painter, as well as to their grandfather Gotthold Ephraim Lessing (1729-1781), German poet.

4423. *Reise durch Norwegen* nach den Loffoden durch Lappland und Schweden . . . Berlin (in der Mylius'schen Buchhandlung) 1831. Oct. (*Reise Norwegen*).
Publ.: 1831, p. [i]-vi, [1]-302, map. *Copies*: HH, WU (inf. W. Gutermann).

4424. *De generibus Cynarocephalarum* atque de speciebus generis Arctotidis. Dissertatio inauguralis botanica quam consensu et auctoritate gratiosi medicorum ordinis in Universitate litteraria Friederica Guilelma ut summi in medicina et chirurgia honores rite sibi concedantur die xxvii mensis martii mdcccxxxii. h.l.q.s. palam defendet auctor Christianus

Fridericus Lessing . . . Berolini [Berlin] (typis Trowitzschii et filii) s.d. [1832]. Oct. (*Gen. Cynaroceph.*).
Publ.: 27 Mar 1832, p. [i*], [i, theses], [iii]-iv pref., [1]-30. *Copies*: MO, NY.

4425. *Synopsis generum Compositarum* earumque dispositionis novae tentamen monographiis multarum capensium interjectis . . . Berolini [Berlin], (sumtibus Dunckeri et Humblotii.) prostat Parisiis (apud F. G. Levrault.) Londini (apud Black, Young and Young.) 1832. (*Syn. gen. Compos.*).
Publ.: Jul-Aug 1832 (Lit.-Ber. Flora Jul-Dec 1832; Pharm. Centr. Bl. 22 Sep 1832), p. [i]-xi, [1]-473, *1 pl. Copies*: MICH, MO, NY, U.
Ref.: Guillemin, A., Arch. Bot. 1: 169. 11 Feb 1833.
Anon., Lit. Ber. Flora 3: 145-148. 18 Aug 1833 (rev.).
Lessing, C. F., Linnaea 4: 240-288. Apr, 289-356 Jul 1829 (prel. stud.)

Lesson, Adolphe Pierre (1805-1888), French explorer; with Dumont d'Urville on the voyage in *L'Astrolabe* (1826-1829); brother of R. P. Lesson. (*A. Lesson*).

HERBARIUM and TYPES: P, further material at B and G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 372; BM 3: 1095; CSP 3: 971; GR p. 333; IH 2: 435; Kew 3: 420; Lasègue p. 574; LS 15260; NI 555; Plesch p. 305-306; SK 1: 322, 8: lxi; TL-2/1: 671, 1556, see Dumont d'Urville, J. S. C.; Tucker 1: 424.
Maiden, J. H., J. R. Soc. N.S.W. 44: 144. 1910.
Cockayne, L., Veg. New Zealand 2. 1921.

Lesson, René Primevère (1794-1849), French physician, pharmacist and explorer on the voyage of *La Coquille* (1822-1825); later teacher at the naval academy of Rochefort. (*R. Lesson*).

HERBARIUM and TYPES: P, PC; further material at B, K, L, MO.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 325-326; Barnhart 2: 372; BL 2: 138, 681; BM 3: 1095-1096; Bossert p. 235; CSP 3: 971-975; GR p. 333; IH 2: 435; Kew 3: 420; PR 5235; Rehder 5: 506; SK 1: 322-323; TL-2/1: 1556, see Cuvier, G.-F.
Cuvier, F., Dict. sci. nat., portr. no. [65]. 1845.
Hooker, J. D., Fl. Tasm. cxviii. 18.
Maiden, J. H., J. Proc. R. Soc. N.S.W. 44: 144-145. 1910.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 567. 1963.
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Schmid, G., Chamisso als Naturforscher 170. 1942.
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EPONYMY: *Lessonia* Bory de St.-Vincent (1825); *Lessoniopsis* J. Reinke (1903). – Also: Rue Lesson, Rochefort, Charente-Maritime, France.

4426. *Flore rochefortine*, ou description des plantes qui croissent spontanément ou qui sont naturalisées aux environs de la ville de Rochefort . . . ouvrage principalement destiné aux élèves de l'école speciale de médecine de la marine. Rochefort (Chez l'éditeur, Rue Audry du Puyraveau, no. 17) 1835. Oct. (*Fl. rochefort.*).
Publ.: 1835, p. [i, iii], [1]-634, [635, err.]. *Copy*: G.
Ref.: Rallet, Ann. Soc. Sci. nat. Charente-Maritime ser. 2. 3(8): 100-113. 1953 (portr.; critical reappraisal).

4427. *Journal de la navigation autour du globe de la frégate la Thétis et de la corvette l'Espérance* pendant les années 1824, 1825 et 1826 publié par ordre du roi . . . par M. le Baron de Bougainville capitaine de vaisseau . . . tome second. Paris (Arthus Bertrand, libraire-éditeur) 1837. Qu. (*J. navig. Thétis*).
Histoire naturelle par M. R. P. Lesson, 2: [297]-351. *Publ.* late 1837 or Jan-Feb 1838 (t.p. 1837, but BF 24 Feb 1838). *Copy*: MO. – For details on complete work see e.g. BM 2: 605.

Lester-Garland, Lester Vallis (né Lester) (1860-1944), British botanist; educated at Oxford; lecturer St. John's College, Oxford, 1886-1896; principal, Victoria College, Jersey (1896-1911). (*Lest.-Garl.*).

HERBARIUM and TYPES: K(9000); further material at CGE and OXF.

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 21, 45, 305, 2: 226, 681; BM 3: 1096; Clokie p. 298; Desmond p. 382; IH 2: 435; Kew 3: 420.
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Lousley, J. E., Bot. Soc. Exch. Club Brit. Isles 12(6): 647-648. 1946.
Ramsbottom, J., Nature 153: 613. 1944.

4428. *A flora of the Island of Jersey* with a list of plants of the Channel Islands in general, and remarks upon their distribution and geographical affinities . . . London (West, Newman & Co., . . .) 1903. Oct. (*Fl. Jersey*).
Publ.: Jul-Aug 1903 (Bot. Zeit. 16 Oct 1903; Nat. Nov. Sep(1) 1903), p. [i]-xv, [1]-205. *Copy*: G. – Adopted the Englerian classification.
Ref.: Druce, G. C., J. Bot. 45: 394-402, 419-428. 1907 (further listing).

Lestiboudois, François Joseph (x-1815), French botanist at Lille, son of Jean Baptiste Lestiboudois. (*F. Lestib.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 372; BM 3: 1096; Kew 3: 420; PR 5236-5237 (ed. 1: 5794-5795); Rehder 5: 506; Tucker 1: 424.
Leclair, E., Les Lestiboudois, botanistes lillois. Lille 1908, 56 p.
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4429. *Botanographie belgique*, ou méthode pour connoître facilement toutes les plantes qui croissent naturellement, ou que l'on cultive communément dans les provinces septentrionales de la France . . . À Lille (de l'Imprimerie de J. B. Henry, . . .) 1781. Oct. (in fours). (*Botanogr. belg.*).

Ed. 1: Jul-Dec 1781 (approb. p. [5]: 4 Jul 1781; p. [535]: 18 Jul 1781), p. [(1)]-(8), i-xlviii, 1-334. [335], [336, err.], 23 charts. *Copies*: G, NY, U, USDA. – The 23 charts are copper engr. placed after p. xlii, xlviii, 14, 20, 30, 42, 56, 66, 76, 98, 116, 126, 152, 156, 170, 192, 210, 232, 254, 256, 262, 280, 298.

Ed. 2: *Botanographie belgique*, seconde édition corrigée, augmentée et divisée en trois parties, . . . À Lille (chez Vanackere, libraire, . . .) An VII de la République [22 Sep 1799-16 Sep 1800]. Oct. (in fours). *Copies*: G, MO, NY, USDA.
1: 1799, [i]-xxiii, 1-226, 1 chart.
2: 1799, [i]-xiv, [1-2], chart, 1-344, class charts 1-22 (id.).
3(1): 1800 [i*, iii*], [i]-xiv, [1-2], 1-335, [336, err.], 1 chart.
3(2): 1800, [i], [1]-464, [1-4, add., err.].
Part 3, new in this edition, is also referred to (JT 14 Jun, JGLF Aug 1800) as *Botanographie universelle*. We have seen no copies of the 1800 edition with this title. A re-issue of this *Botanographie universelle*, was announced by JT 13 Mai 1802, and JGLF Aug 1802. This is probably an announcement of the 1804 ed. of part 3 of the *Botanographie belgique*. This part 3 being new in the 1800 edition, was designated "seconde edition" on the title-pages of the *Botanographie universelle* of 1804 (actually a reissue, see below). (*Botanogr. univ.*).

Ed. 3: *Botanographie belgique*, troisième édition, corrigée, augmentée et divisée en deux parties, . . . A Lille (chez Vanackere, libraire, . . .). An XII de la République [24 Sep 1803-17 Sep 1804]. Oct. (in fours).
1: 1804, p. [i]-xxiii, 1-226, 1 chart. Simple reissue of ed. 2, part 1.
2: 1804, p. [i]-xiv, [1-2], chart, 1-334, class charts 1-22 (uncol. copp. "taille-douce"). Simple re-issue of ed. 2, part 2.

Copies: MO, NY. U.
Ed. 2, sic, of part 3: issued under the title *Botanographie universelle* ou tableau général des végétaux, seonde édition, . . ." À Lille (chez Vanackere, librairie, . . .). An XII de la République (24 Sep 1803-17 Sep 1804). Oct. (in fours), in two parts:
Première partie: Aug 1804, p. [i*-iii*], chart ("tailledouce"), [i]-xiv, [1-2], 1-335, [336, err.].
Deuxième partie: Aug 1804, p. [i, iii], [1]-464, [1-4, add., err.].
Copies: BR, USDA. – Actually a simple re-issue of parts 3(1) and 3(2) of the second edition of the *Botanographie belgique*. Announced as published by JGLF 26 Aug 1804. See T. G. Lestiboudois for the 1827 edition of this work (no. 4437).

Lestiboudois, Jean Baptiste (1715-1804), French botanist; professor of botany at Lille (1770-1804). (*J. Lestib.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 326; Barnhart 2: 372; Bossert p. 236; PR 5238 (ed. 1: 5796-5797).
Leclair, E., Les Lestiboudois, botanistes lillois. Lille 1908, 56 p.
O., Dict. Sci. méd. 6: 25. 1824.

EPONYMY: *Lestibudesia* [sic] Du Petit-Thouars (1805).

Lestiboudois, Thémistocle Gaspard (1797-1876), northern French botanist, son of François Joseph Lestiboudois. (*T. Lestib.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 372; BM 3: 1096-1097; Bossert p. 235; CSP 3: 975-976, 8: 209, 12: 443; Hortus 3: 1198 ("Lestib."); Jackson p. 87, 271; Kew 3: 420; LS 15261-15261a; NAF 28B(2): 442; Plesch p. 306; PR 5239-5245 (ed. 1: 5798-5807); Rehder 5: 506; SBC p. 125 ("Lest."); Sotheby 449; Tucker 1: 424; Zander ed. 10, p. 684.
Anon., J. Bot. 15: 160. 1877; Bot. Zeit. 35: 119. 1877.
Leclair, E., Les Lestiboudois, botanistes lillois. Lille 1908, 56 p.
Lestiboudois, Th., Notice sur les travaux scientifiques de M. Thém. Lestiboudois. Paris (Imprimerie de L. Martinet) 1856. Qu., 37 p. (bibl.).

HANDWRITING: Candollea 31: 331-332. 1976.

4430. *Essai sur la famille des Cypéracées*; . . . À Paris (de l'Imprimerie de Didot Jeune, . . .) 1819. Qu. (*Essai Cypér.*).
Publ.: 29 Mar 1819 (presented to Académie), p. [1]-46. *Copies*: G, L, MO, NY; IDC 5084. – A continuation of Palisot de Beauvois' *Agrostographie*. Lestiboudois used Palisot's manuscript for the unpublished second part of the *Agrostographie*. Bentham (1881) gives a critical study of Lestiboudois' names and taxa.
Ref.: Anon., Flora 4: 1-7, 17-27. 1821.
Bentham, G., J. Linn. Soc. 18: 360-367. 21 Feb 1881.

4431. *Mémoire sur le fruit des Papavéracées*, . . . À Lille (imprimerie de Leleux, . . .) 1823. Oct.
Publ.: 1823, p. [1]-16. *Copy*: G. - Reprinted from Rec. Trav. Soc. Sci. Agric. Arts, Lille 1: 174-180. 1819-1822 (1823); see also Bull. Soc. philom., Paris 1823: 175-176. To be cited from journal.

4432. *Mémoire sur la structure des Monocotylédonés*, . . . À Lille, (imprimerie de Leleux, . . .) 1823. Oct. (*Monogr. struct. Monocot.*).
Publ.: 1823, p. [i], [1]-40. *Copy*: G. – Reprinted from Rec. trav. Soc. Sci. Agric. Arts, Lille 1: 207-246. 1819-1822 (1823); see also Bull. Soc. philom., Paris 1823: 185-187.

4433. *Mémoire sur le Canna indica*, et sur les familles des Balisiers et des Bananiers, . . . [Lille 1826]. Oct. (*Mém. Canna indica*).

Publ.: 1826, p. [1]-20. *Copy*: G. - Reprinted from Rec. Trav. Soc. Sci. Agric., Lille 1823/4: 248-269. (1826).

4434. *Observations phytologiques* ... À Lille (Imprimerie de Leleux, ...) 1826. Oct. (in fours). (*Observ. phyt.*).
Publ.: shortly before 19 Jun 1826 (Acad.), p. [1]-7, [1]-20. *Copies*: B, BR (p. 1-7). – Consists of two papers:
(a) *Sur l'insertion des étamines des Crucifères*, p. [3]-7, reprinted from Rev. Trav. Soc. Sci. Agric., Lille 1823/4: 243-247. 1826.
(b) *Mémoire sur le Canna indica*, see no. 4433, also issued separately.

4435. *Botanographie élémentaire*, ou principes de botanique, d'anatomie et de physiologie végétale; contenant: la description des organes des plantes; la définition des termes usités en botanique; une théorie nouvelle sur l'anatomie et la physiologie végétale; l'art de décrire les plantes; l'exposé des méthodes les plus employées en botanique et la description des familles naturelles, ... Paris (Roret, ...), Lille (Vanackere père, ... Vanackere fils, ...) 1826. Oct. (in fours). (*Botanogr. élém.*).
Publ.: Jun 1826 (Acad. 19 Jun 1826, BF 8 Jul 1826) p. [i*], [i]-xx, [1]-559. *Copies*: G, MO; IDC 6016.

4436. *Botanographie belgique*, ou flore du Nord de la France, et de la Belgique proprement dite; ouvrage disposé selon la méthode naturelle, contenant les tableaux analytiques de François-Joseph Lestiboudois, la description des plantes qui croissent spontanément ou qu'on cultive généralement dans l'ancienne province belgique, leurs localities, leurs propriétés, l'indication du temps de leur floraison, la citation de leurs figures, etc., par Thém. Lestiboudois ... Paris (Roret, ...), Lille (Vanackere père, ... Vanackere, fils, ...) 1827, 2 parts. Oct. (in fours.). (*Botanogr. belg.*).

1: Mai 1827 (Acad. 21 Mai, BF 9 Jun) [i*-iv*], [i]-xxxiv, charts for classes i-xxii, [1]-314.
2: Mai 1827, p. [i-iv], [1]-498.
Copies: B, G, MICH, MO, USDA; IDC 6018. – An entirely rewritten version of part of F. J. Lestiboudois' work with the same title (see no. 4429).

4437. *Botanographie universelle*, ou tableau général des végétaux, par feu François-Joseph Lestiboudois, ... ouvrage faisant suite à la Botanographie belgique de Thém. Lestiboudois, ... Paris (Roret, ...), Lille (Vanackere, père, ..., Vanackere, fils, ...) 1827, 2 parts. Oct. (in fours). (*Botanogr. univ.*).

Première partie: 1827, p. [i*-iii*], [i]-[xvi], chart, 1-335, [336, err.].
Deuxième partie: 1827. p. [i], [1]-464, [1-4, err.].
Copy: MO. – Obviously only a reissue of the 1804 edition published by F. J. Lestiboudois (see 4429).

4438. *Notice sur le genre Hedychium* de la famille des Musacées, (Balisiers et Bananiers) ... Lille (imprimerie de L. Landel, ...) 1829. Oct. (*Not. Hedychium*).
Publ.: 1829, p. [1]-27, *1 pl. Copy*: G. – Reprinted from Mém. Soc. Sci. Lille 1827/28: 407-431. 1829; see also Ann. Sci. nat. 17: 113-139. 1829.

Leszczyc-Sumińsky, Michael Hieronim (1820-1898), Polish botanist and painter. (*Leszc.-Sum.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1097; CSP 3: 978; Jackson p. 151; Kew 3: 420; Moebius p. 132, 133, 345; PR 5246.

4439. *Zur Entwicklungs-Geschichte derFarrnkräuter* ... Berlin (Verlag der Deckerschen Geheimen Ober-Hofbuchdruckerei.) 1848. Qu. (*Entw.-Gesch. Farrnkr.*).
Publ.: Feb-Aug 1848 (p. 4: Jan 1848; Bot. Zeit. 1 Sep 1848), p. [i, iii], [1]-26, *pl. 1-6* (col. liths. auct.). *Copies*: G, MO.

French translation: Ann. Sci. nat. Bot. ser. 3. 11: 114-126. 1849.
Ref.: K. M., Bot. Zeit. 6: 630-631. 1 Sep 1848.
Sachs, J., Gesch. Bot. 474. 1875 (points at discovery of archegonia).
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Letacq, Arthur Louis, abbé (1855-1923), French clergyman and botanist; ordained 7 Jun 1879; vicar at Ecouché; parish priest at Saint-Germaine-d'Aunai (1883), of Ticheville (1885); from 1890 almoner at the "Asile des Soeurs des pauvres" at Alençon. (*Letacq*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 373; BL 2: 187, 188, 681; CSP 16: 737-738; LS 35961, suppl. 15902-15910; SO 2828.
Chevalier, A. J. B., Bull. Soc. bot. France 70: 690-691. 1923.
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Letacq, A. L., Invent. pl. Orne 273-279. 1906 (bibl.).

4440. *Inventaire des plantes phanérogames et cryptogames vasculaires* croissant spontanément ou cultivés en grand *dans le département de l'Orne* . . . Rouen (Imprimerie Jules Lecerf fils) 1906-1909, 4 parts. Oct. (*Invent. pl. Orne*).

1: Jul-Dec 1906, p. [i], [1]-70. – Reprinted from Bull. Soc. Amis Sci. nat. Rouen ser. 5. 41: 369-438. 1906.
2: early 1907, p. [i], [71]-134. – Reprinted from id. 42: 229-292. 1907.
3: 1908, p. [i], [135]-182. – Reprinted from id. 1943: [43]-88. 1908.
4: 1909, p. [i], [183]-348. – Reprinted from id. 44: [43]-208, [209]. 1909. This is the first supplement.
Copy reprint: NY.
Second supplement: Lemée, G., Bull. Soc. Amis Sci. nat. Rouen 68/69: 139-159. 1934; see also Lemée, G., Bull. Soc. Linn. Normandie ser. 8. 7: 99-106. 1935.

Letellier, Jean Baptiste Louis (*fl.* 1829-1842), French mycologist. (*Letell.*).

HERBARIUM and TYPES: Probably at PC.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1097; CSP 3: 978, 10: 573, 12: 443; Jackson p. 206, 275; Kew 3: 420; LS 15263-15273; NI 1181; PR 5247-5250 (ed. 1: 5808-5811).

4441. *Histoire et description des champignons* alimentaires et vénéneux qui croissent aux environs de Paris, précédées des principes de botanique indispensables à leur étude, et suivies de planches représentant plus de cent espèces, lithographiées et coloriées d'après nature, . . . Paris (Chez Crevot, libraire . . . et chez l'auteur, . . .) 1826. Oct. (in fours). (*Hist. descr. champ.*).
Publ.: 1826, p. [1]-143, *pl. 1-12*, 4 charts. *Copies*: G (*pl.* uncol.), NY (*pl.* col.), Stevenson (*pl.* col.).

4442. *Figures des champignons* servant de supplément aux planches de Bulliard peintes d'après nature & lithographiées par J. B. L. Letellier . . . Paris (chez Meilhac, . . .) 1829-1942. Qu. (size). (*Fig. champ.*).
Publ.: In 18 parts, 1829-1842, covers contained 6 lithographs each, in black and white or (other issue) coloured. The set numbers *pl. 603-710* thus continuing the numbering from Bulliard, Herb. France (q.v., no. 905). We have seen two *copies*, at MICH and NY, with all plates (coloured) but with only one cover (NY) (8. livraison, 1841), which has "seconde édition." This would point at a second issue. Further details lacking. No text. The MICH copy was bought by L. C. C. Krieger, and has his annotation "extremely rare!!!" This copy belonged to Quélet, who made ms notes on the plates.

4443. *Expériences nouvelles sur les champignons vénéneux* leurs poisons et leurs contre-poisons par J.-B.-L. Letellier . . . et Speneux, pharmacien. Paris (J.-B. Baillière et Fils . . .) 1866. Oct. (*Expér. nouv. champ. vénén.*).

Co-author: Speneux, about whom nothing is known to us.
Publ.: 1866, p. [1]-30, [1, cont.]. *Copy*: Stevenson.
Ref.: Letellier and Speneux, Ann. Hyg. publ. 27: 71-75. 1867 (fide CSP).
Anon., Bull. Soc. bot. France (bibl.) 14: 69-70. Mai 1867.

Letourneux, Aristide-Horace (1820-1890), French magistrate, botanist and malacologist in Algeria (1851-1876, 1881-1890) and at Alexandria (1876-1881); collaborator of Cosson. (*Letourn.*).

HERBARIUM and TYPES: P and PC (through Cosson); duplicates in many herbaria; see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 373; BL 1: 19, 42, 305; BM 3: 1097; Bossert p. 236; Clokie p. 199; CSP 8: 210, 10: 573, 12: 443, 16: 740; Hortus 3: 1198 ("Letourn."); IH 2: 436; Jackson p. 508; Kew 3: 421; Tucker 1: 425.
Anon., Bot. Zeit. 38: 543. 1880; Humboldt 1890 (Mai): 179.
Battandier, J. A., Bull. Soc. bot. France 37: 115-119. 1890.
Cosson, E. St.-C., Comp. Fl. Alg. 1: 59-65. 1881.
Cosson & Durieu, Expl. Sci. Algérie, Bot. 2: xxxiv-xxxvi. 1868.
Letourneux, A. H., Bull. Soc. bot. France 36: 91-99. 1889 (notes on a botanical trip to Tripoli).
Maire, R., Progr. Conn. bot. Algérie 93, 95, 108-110. 1931.
Wittrock, V. B., Acta Horti Berg. 3(3): 63, pl. 140. 1905 (portr.).

EPONYMY: *Tourneuxia* Cosson (1859, also dedicated to Henri René Letourneux de la Perraudière (1831-1861), who is also commemorated by *Perralderia* Cosson (1859)).

4444. *Étude botanique sur la Kabylie du Jurjura*, avec catalogue, . . . Paris (imprimé par auctorisation de M. le Garde des Sceaux á l'Imprimerie nationale) 1871. Oct. (*Étude bot. Kabylie*).
Publ.: 1871, p. [i-iii], [1]-90. *Copy*: G. – Reprinted from A. Hanoteau et A. Letourneux, *La Kabylie et les coutumes Kabyles*, Paris 1871 (see e.g. Bull. Soc. bot. France 20(bibl.): 136-137. 1873).

4445. Exploration scientifique de la Tunisie. Rapport sur *Une mission botanique exécutée en* 1884 dans le nord, le sud et l'ouest de la *Tunisie*, . . . Paris (Imprimerie nationale.) 1887. Oct. (*Miss. bot. Tunisie*).
Publ.: late 1887 (Bot. Zeit. 30 Mar 1888; Nat. Nov. Mar(1) 1888), p. [1]-93. *Copy*: L.

Lett, Henry William (1836-1920), British botanist and clergyman, rector of Aghaderg, Co. Down, later canon of Dromore. (*Lett*).

HERBARIUM and TYPES: BEL, DBN, E, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 373 (b. 4 Dec 1836); BB p. 186 (b. "1838"); BL 2: 280, 681; BM 3: 1097; Bossert p. 236; Clokie p. 199; CSP 16: 740; Desmond p. 383; De Toni 1: lxxviii, 2: lxxv; IH 2: 436; Kew 3: 421; LS 15274-15274a.
Anon., Bot. Not. 1921: 14; J. Bot. 59: 56. 1921; Rev. bryol. 18: 31. 1891, 26: 70. 1899, 30(2): 35. 1903, 32: 55, 107-108. 1905, 34: 123. 1907, 39: 31. 1912.
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Druce, G. C., Bot. Soc. Exch. Cl. Brit. Isles 6(3): 363. 1922.
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Praeger, R. L., Proc. Roy. Irish Acad. 7: cxxvii. 1901 (bibl.); Irish Naturalist 29: 41-43. 1920; Bot. Ireland 79. 1934.
Synnott, D. M., Glasra 2: 43-48. 1978 (on herb. at DBN).

4446. All rights reserved. A list, with descriptive notes, of all the *species of hepatics* hitherto found in the British Islands . . . Eastbourne (printed for the author by V. T. Sumfield, . . .) 1902. Oct. (*Sp. hepat.*).
Publ.: Sep-Oct 1902 (p. vi: Sep 1902; J. Bot. Nov 1902), p. [i*], [i]-viii, [1]-199. *Copies*: B, G, Steere. – Title on cover: *Hepatics of the British Islands.*

Ref.: S. M. M. (Symers M. Macvicar), J. Bot. 40: 422-424. Dec 1902 (lists errors).
Anon., Rev. bryol. 30(2): 35. 1903.
Howe, M. A., Bryologist 7(1): 13-14. Jan 1904.

Lettau, Georg (1878-1951), German physician and lichenologist; ophthalmologist at Arnstadt (1906-1910); from 1910 at Lörrach, Baden, until 1923 as practicing ophthalmologist, 1923-1931 as administrator. (*Lettau*).

HERBARIUM and TYPES: B (rd. 1948; circa 30.000 nos.); duplicates LD, W.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 568, 681; GR p. 28, *pl.* [*15*], cat. p. 67; IH 1 (ed. 6): 25, 2: 436; LS suppl. 15916-15921; MW p. 268; SBC p. 125 ("Lett.").
Abbayes, H. des, Rev. bryol. lich. ser. 2. 20(1/2): 222. 1951 (died 27 Feb 1951; one day before Sandstede).
Grummann, V., Feddes Rep. 61: 172. 1958.
Hiepko, P., Willdenowia 8(2): 392. 1978.
Klement, O., Ber. naturf. Ges. Augsburg 5: 178-180. 1952 (portr.).
Lettau, G., Flechten aus Mitteleuropa, Repert. Sp. nov. Regni veg. Beih. 119(1/2): 1-6. 1940 (autobiogr.).
Mattick, F., Willdenowia 1: 188-191. 1954 (portr., bibl.).

4447. *Monographische Bearbeitung einiger Flechtenfamilien.* Dahlem bei Berlin (Friedrich Fedde, Selbstverlag) 1932-1937. Oct. (*Flechtenfamilien*).
Lief. 1: 10 Jun 1932, p. [i], [1]-96, *pl. 1-3.* – Repertorium specierum novarum regni vegetabilis, Beihefte, Band 69(1).
Lief. 2: 10 Feb 1937, p. [i], 97-176, *pl. 4.* – Id. 69(2).
Lief. 3: 25 Aug 1937, p. [i], 177-250, *pl. 5-10.* – Id. 69(3) (Also [i], general t.p. vol. 69, dated 1937).
Copies: B, G, L, MO, Stevenson, U, USDA.

4448. *Flechten aus Mitteleuropa.* Dahlem bei Berlin (Friedrich Fedde) 1940-1944, 8 parts. Oct. (*Flecht. Mitteleur.*).
1/2: 20 Jul 1940, p. [i], 1-126. Repert. Sp. nov. Regni veg. Beih. 119(1,2).
3/4: 1 Nov 1940, p. [i], 127-202. Ib. 119(3).
5/6: 1941, p. 203-262. Ib. 119(4).
7: 15 Sep 1942, p. [i], 265-348. Ib. 119(5).
8: 1944, Repert Sp. nov. Regni veg. 54(1): 82-136.
Copy: U.

Lettsom, John Coakley (1744-1815), British botanist; had a botanic garden at Camberwell; Dr. med. Leiden 1769. (*Lettsom*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 326; Barnhart 2: 373; BB p. 186; Blunt p. 190; BM 3: 1097; Bossert p. 236; CSP 3: 979; Dawson p. 533, 943; Desmond p. 383 (many biogr. refs.); DNB 33: 134-136; Dryander 1: 217, 3: 98, 578; Henrey 1: 53, 2: 726, 3: 74; HU 626, 756; Jackson p. 572; Kew 3: 421-422; Lenley p. 463; ME 2: 63, 3: 351; MW p. 268; NI 1182; PR 5252-5253; Rehder 5: 507; Tucker 1: 425.
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Fries, Th. M., Bref Skrifv. Linné 1(5): 198. 1911; 1(6): 194. 1912.
Fussell, G. E., More old English farming books 129, 130. 1948.
Hindle, Brook, Pursuit Sci. revol. Amer. 281-282, 295, 302, 325, 330, 340, 356. 1956.
Kelly, H. A., Some Amer. med. botanists 18, 19, 24. 1915.
Lettsom, J. C., Memoirs of John Fothergill, ed. 4, London (printed for C. Dilly) 1786, [engr. t.p.], [i]-v, 1-280, [1-2, app.], [1-7, index].
Pettigrew, F. J., Mem. life writings J. C. Lettsom. London 1817, 3 vols. (fide PR).
Thomson, St. Clair, J. C. Lettsom 1918 (fide Demond).

EPONYMY: *Lettsomia* Ruiz & Pavon (1794); *Lettsomia* Roxburgh (1824).

4449. Dissertatio inauguralis medica, sistens *observationes ad vires Theae pertinentes*. Quam annuente summo numino pro gradu doctoratus summisque in medicina honoribus & privilegiis, ritè ac legitimè consequendis, eruditorum examini submittit Joannes Coakley Lettsum, tortola-americanus. Ad diem xx. Junii mdcclxix. h.l.q.s. . . . Lugduni batavorum [Leiden] (apud Theodorum Haak) 1769. Qu. (*Observ. Theae*).
Publ.: 20 Jun 1769, p. [1]-27, *1 pl.* (col. copp.). *Copy*: NY.

4450. *The natural history of the tea-tree*, with observations on the medical qualities of tea, and effects of tea-drinking . . . London (printed for Edward and Charles Dilly, in the Poultry) 1772. Qu. (*Nat. hist. tea*).

Ed. 1: Mar 1772 (Gent. Mag. rd. Mar 1772), frontisp. (col. copp. by J. Miller, dated 10 Dec 1771), p. [i]-viii, [1]-64, (p. vas "iv"). *Copies*: MO, NY.
Other edition: 1772, p. viii, 82, [2], *1 pl.*, Dublin (J. Williams, T. Walker, and C. Jenkins), n.v., see Henrey no. 967.
Ed. 2: 1799, [i]-ix, 1-102, *5 pl.* (4 col.) (fide Henrey; the copies seen by us have at most *4 pl.*). "A new edition . . ." London (printed by J. Nichols; for Charles Dilly.) 1799. Qu. *Copies*: MICH (4 pl.), MO (4 pl.), NY (4 pl.), US (3 pl.).
French ed.: 1773 (n.v.); *German ed.*: 1776 (see no. 4451).

4451. *Geschichte des Thees und Koffees*. Aus dem Englischen der Herren John Coakley Lettsom and John Ellis übersetzt und mit einigen Zusätzen vermehrt. Mit Kupfern. Leipzig, (Verlegts die Dyckische Buchhandlung) 1776. Oct. (*Gesch. Thee*).
Co-author: John Ellis (1711-1776), of whom a translation of his "An historical account of coffee," 1774, is included (see no. 1662).
Publ.: 1776, p. [i], [1]-243, [244-246], *3 pl. Copies*: M, NY.

4452. *Hortus uptonensis*; or, a catalogue of stove and green-house plants, in Dr. Fothergill's garden at Upton at the time of his decease. [London 1783]. Oct. (*Hort. upton.*).
Publ.: 1783 (see Henrey and Dryander), frontisp., p. [1]-44. *Copy*: MO. – Apparently very rare; other copy in Banks' library at BM (Bloomsbury).

4453. *The works of John Fothergill*, M.D. . . . with some account of his life. By John Coakley Lettsom . . . Vol. III. London: (printed for Charles Dilly, in the Poultry.) 1784. (*Works Fothergill*).
Publ.: 1784, contains on p. 81-110: *Hortus uptonensis*: or, a catalogue of store and green-house plants; in Dr. Fothergill's garden at Upton, at the time of his decease. *Copy*: NY. – Apparently a reprint of Hortus uptonensis [1783], see 4452.

Le Turquier de Longchamp, Joseph Alexandre (1748-1829), French clergyman and botanist; from 1800 at Rouen. (*Le Turq.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 373; BL 2: 204, 681; BM 3: 1097-1098; CSP 3: 979; GR p. 334; Jackson p. 572; Kew 3: 422; LS 15276-15277; PR 5254-5256 (ed. 1: 5843-5844); Rehder 5: 507; TL-2/1: 909; Tucker 1: 425.

4454. *Flore des environs de Rouen* . . . Rouen (se vend chez Renault, . . . Frère . . . Periaux, . . .) 1816, 2 parts. Duod. (in sixes). (*Fl. Rouen*).
Part 1: Jun 1816 (t.p.), p. [i]-xxxii, [1]-278.
Part 2: Jun 1816 (t.p.), p. [i, iii], [281]-583, [504, err.].
Copies: G, USDA.
Supplément à la Flore des Environs de Rouen, avec quelques observations et corrections s.l.n.d. [Rouen 1825] Duod. (in sixes), p. [1*], [i]-[iv], [7]-84. *Copies*: G, USDA. – Issued as an appendix to Précis anal. Trav. Acad. Sci. Rouen 1824.
Ref.: Blanche, Précis anal. Trav. Acad. Sci. Rouen 1850/51: 113-158. 1851 (further additions).

4455. *Concordance des figures de plantes cryptogames de Dillen*, Micheli, Tournefort, Vaillant et Bulliard, avec la nomenclature de Candolle, Smith, Achar et Persoon; par MM. Le Turquier et Levieux, . . . À Rouen, (de l'imprimerie de P. Periaux, . . .) 1820. Oct. (in fours). (*Concord. fig. crypt. Dillen*).
Co-author: Jean Baptiste Pierre Levieux.
Publ.: 1820, p. [i, iii], [1]-62, [1, index]. *Copies*: MICH, NY. – Issued as a supplement to the Préc. anal. Trav. Acad. Rouen for 1819 (1820).

4456. *Concordances de Persoon* (Synopsis methodica fungorum) avec de Candolle, (Flore française, 2e et 6e volumes), et avec Fries, (Systema mycologicum, 1er et 2e volumes), et de Candolle, Flore française, 2e et 6e volumes, et des figures des champignons de France, de Bulliard, avec la nomenclature de Fries, (Systema mycologicum, 1er et 2e volumes); par M. Le Turquier de Longchamp, . . . Rouen, (imprimerie de Nicétas Periaux jeune, . . .) 1826. Oct. (in fours). (*Concord. Persoon*).
Publ.: 1826, p. [i-vii], [1]-94, chart. *Copies*: MICH pref. [i-v], MO, [pref. i-viii], NY.

Leuba, Fritz (1848-1910) Swiss pharmacist and mycologist at Corcelles near Neuchâtel. (*Leuba*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1098; LS 15279-15282; NAF 9(6): 441; NI 1183.

4457. *Les champignons comestibles* et les espèces vénéneuses avec lesquelles ils pourraient être confundus. Décrits et peints d'après nature par F. Leuba, pharmacien/ouvrage accompagné de 54 planches en chromo-lithographie. Neuchatel (Delachaux et Niestlé, . . .), Paris (Georges Carré, . . .), Genève (Gauchat & Robert, . . .) [1887-] 1890. Qu. (*Champ. comest.*).
Publ.: in [12-] 14 parts, 1887-1890 (part 1: Nov(3) 1887; 2: Mar(1) 1888; 3-7 Aug(2) 1887; compl.: Nat. Nov. Dec(2) 1889), p. [i]-xli, [1]-118, [1, cont.], *pl. 1-54* (no. *25* as '*26*') chromo-liths. by author. *Copies*: BR, Stevenson, USDA.
Ed. 2: Paris 1906 (Nat. Nov. Dec(2) 1906), n.v., 120 p., *54 pl.*

4458. *Die Essbaren Schwaemme* und die giftigen Arten mit welchen dieselben verwechselt werden koennen. Nach der Natur gemalt und beschrieben von F. Leuba, Apotheker. Mit 54 chromo-lithographischen Tafeln in Folio. Basel (H. Georg's Verlag) [1888-] 1892. Qu. (*Essb. Schwaemme*).
Publ.: in 14 parts, 1888-1891 (t.p. 1892), p. [i]-xlii, [1]-118, [1, cont.], *pl. 1-54*. Lief. 1-13 with *4 pl.* each, Lief. 14 with *2 pl.* as follows:

fasc.	pages	dates	fasc.	pages	dates
1	1-8	Jul 1888	8	53-60	Aug 1890
2	9-12	Oct 1888	9	61-68	Sep 1890
3	13-20	Apr 1889	10	69-76	Nov 1890
4	21-28	Dec 1889	11	77-84	Jan 1891
5	29-36	Apr 1890	12	85-92	Apr 1891
6/7	37-52	Mai 1890	13	93-100	Jul 1891
			14	101-118, [1]	Nov 1891

Copy: Stevenson. – The above dates are based on notices in Bot. Zeit. and Nat. Nov.
Ref.: Studer, B., Leuba's Pilztafeln. Beschrieben und erläutert, Bern, 1892, 60 p. (n.v.).

Leuduger-Fortmorel, Georges (1830-1902), French physician and diatomologist; ultimately at Saint-Brieuc. (*Leud.-Fortm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 373; BM 3: 1099; CSP 12: 443, 16: 843; De Toni 1: lxxviii, 2: lxxv-lxxvi, xcv; Jackson p. 184, 282, 396.
Cupp, E. E., Mar. plankton diatoms W. Coast N. Amer. 217. 1943.

Deby, J., Bibl. microsc. microgr. stud. 3(Diat.): 37. 1882.
Petit, P., Notice nécrologique sur Leuduger-Fortmorel (Diatomophile). Padova 1903, 3 p. (Nuova Notarisia 14: 62-64, 94. 1903).

EPONYMY: *Leudugeria* Tempère ex Van Heurck (1896).

4459. *Catalogue des diatomées de l'île Ceylon* . . . Saint-Brieuc (Librairie Francisque Guyon, imprimeur, . . .) 1879. Oct. (*Cat. diatom. Ceylon*).
Publ.: Jan-Mar 1879 (Nat. Nov. Apr(1) 1879; Bot. Zeit. 20 Jun 1879); p. [i], [1]-73, *pl. 1-9* (uncol. liths. with text by author). *Copy*: NY. – Reprinted from Mém. Soc. Émul. Côtes-du-Nord.

4460. *Diatomées marines de la côte occidentale d'Afrique* . . . Saint Brieuc (Imprimerie Francisque Guyon, libraire-éditeur . . .) 1898. Qu. (*Diatom. mar. côte Afr.*).
Publ.: Oct-Dec 1898 (p. 41: Sep 1898; Nat. Nov. Jan(1) 1899); p. [1]-41, *pl. 1-8* with text (uncol. liths.). *Copy*: US.

Leunis, Johannis (1802-1873), German clergyman and botanist; ordained Paderborn 1826; teacher at the Hildesheim Josephinum 1824-1873; Dr. phil. h.c. Göttingen 1855. (*Leunis*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 373; BFM 2368; BM 3: 1099; Jackson p. 53, 57, 59, 60; Kew 3: 422; LS (alph.); PR 5257-5258.
Anon., Österr. bot. Z. 23: 264. 1873.
Keese, Leopoldina 8: 82-85. 1873.
Leunis, J., Syn. Pflanzenkunde ed. 2. 1. 1877 (frontisp. portr.); autobiogr. sketch also in Ratzeburg, I.T.C., Forstwiss. Schriftst. Lexik. 307-309. 1872.
Wittrock, V. B., Acta Horti Berg. 3(2): 134. 1903, 3(3): 141, 213. 1905.

EPONYMY: *Leunisia* R. A. Philippi (1864).

4461. *Synopsis der Pflanzenkunde.* Ein Handbuch für höhere Lehranstalten und für Alle, welche sich wissenschaftlich mit Naturgeschichte der Pflanzen beschäftigen wollen. Mit vorzüglicher Berücksichtigung der nützlichen und schädlichen Pflanzen Deutschlands, so wie der zweckmässigsten Erleichterungsmittel zum Selbstbestimmen . . . Hannover (Im Verlage der Hahn'schen Hofbuchhandlung) 1847. Oct. (*Syn. Pflanzenk.*).

Ed. 1: 1847 (Bot. Zeit. 24 Sep 1847 (rev.)), p. [ii*], [i]-xlviii, [1]-590. *Copies*: M, NY. – *Alternative title* (p. ii*): "*Synopsis der drei Naturreiche* Ein Handbuch . . . zum Selbstbestimmen . . . zweiter Theil Botanik."
Ed. 2: 1877 (p. vi: Mar 1877), in 3 parts. *Copies*: M, NY.
1: [ii], portr., [iii]-lxxix, [1]-364.
2: [ii-iii], 365-1230.
3: [ii]-viii, [1231]-2052.
"Zweite gänzlich umgearbeitete Auflage mit 1229 Holzschnitten und dem Portrait des Professor Dr. Leunis. Nach dem Tode des Verfassers fortgesetzt und bezüglich der Kryptogamen neubearbeitet von Dr. A. B. Frank . . ." Hannover (Hahn'sche Buchhandlung). Oct.
Editor: Albert Bernard Frank (1839-1900).
Alternative title (p. ii): "*Synopsis der drei Naturreiche* . . . zweiter Theil. Botanik. Zweite gänzlich umgearbeitete, und mit der etymologischen Erklärung sämmtlicher Namen vermehrte Auflage. Nach dem Tode des Verfassers bezüglich der Kryptogamen neu bearbeitet . . .". Editors of series: Johannes Leunis and Ferdinand Senft [Christian Carl Friedrich Ferdinand Senft (1810-1893)].
Contemporary notices suggest that ed. 2 came out in fascicles from 1864 onward. Exact details are lacking. Part 3 was published between 1874 and 1877 (see p. viii).
Ed. 3: 1883-1886, 3 volumes. *Copies*: M(vol. 2), USDA (vol. 3).
1: 1882-1883, published in two parts, *part 1*: 1-544. Mar 1882 (Nat. Nov. Mar(2) 1882;

Bot. Zeit. 7 Apr 1882, *part 2*: 544-end. Jun-Jul 1883 (Nat. Nov. Jul(1) 1883; Bot. Zeit. 31 Aug 1883).
2: Feb 1885 (p. vii: Jan 1885; Bot. Zeit. 27 Feb 1885; Nat. Nov. Mar(2) 1886; Flora 11 Mai 1885), p. [ii]-xviii, [1]-1002.
3: Aug 1886 (p. ix: Jul 1885; Bot. Zeit. 8 Oct 1886 (soeben); Nat. Nov. Aug(3) 1886), p. [ii]-xix, [1]-675, [676, err.].
"Dritte gänzlich umgearbeitete, mit vielen hundert Holzschnitten vermehrte Auflage . . ." Hannover (Hahn'sche Buchhandlung). Oct.

Léveillé, Augustin Abel Hector (1863-1918), French botanist and clergyman; ordained 1887; at Pondicherry (1887-1892); later at Le Mans; founder and director of the *Monde des plantes*. (*H. Lév.*).

HERBARIUM and TYPES: E; purchased 1919. – Contains practically all Léveillé's type specimens. Includes collections by e.g. E. Bodinier, J. Cavalerie, J. Esquirol, U. Faurie, E. E. Maire, E. J. Tacquet. See Lauener and Green (under *General Commentary*) for full details. The types of Léveillé's new French species and varieties are not at E.
Ref.: Hedge, I. C. and J. M. Lamond, Ind. coll. Edinburgh 103. 1970.
Sayre, Mem. New York Bot. Gard. 19(3): 359. 1975.

GENERAL COMMENTARY: A. Rehder redetermined many of Léveillé's plants at E and published the results (which included many reductions) in a series of articles in the Journal of the Arnold Arboretum (see below) entitled *Notes on the ligneous plants described by H. Léveillé from eastern Asia*. The last part (18: 278-321) contains a comprehensive index to all binomials cited, with reductions of Léveillé's species (MW 1: 409-410). Merrill and Walker also give descriptive and critical notes on several of Léveillé's often very ephemeral publications.

The articles by Rehder were published as follows: J. Arnold Arb. 10: 108-132, 184-196. 1929; 12: 275-281. 1931; 13: 299-332. 1932; 14: 223-252. 1933; 15: 1-27. 91-117, 267-326. 1934; 16: 311-340. 1935; 17: 53-82, 316-340. 1936; 18: 26-53, 206-257, 278-321. 1937. A "Catalogue of the names published by Hector Léveillé" is being published by L. A. Lauener, P. S. Green et al., in the Notes Roy. Bot. Gard. Edinburgh 23: 573-596 (1961); 24: 73-78 (1962); 26: 333-346 (1966); 27: 1-10 (1966); 27: 265-292 (1967); 30: 239-294 (1970); 31: 397-435 (1972); 32: 93-116 (1972); 34: 327-402 (1976); 35: 247-264 (1977); 35: 265-280 (1977); 37: 125-151. (1978).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 374; BJI 2: 104; BL 2: 104, 180, 681; BM 3: 1101; Bossert p. 236; CSP 16: 748; Hortus 3: 1198 ("Lév."); IH 2: 436; Kew 3: 422-423; Langman p. 441-442; Lasègue p. 574; LS 35964; Moebius p. 100; MW p. 268-272; NAF ser. 2. 5: 246; Rehder 5: 507; SO 2919; Tucker 1: 425; Zander ed. 10, p. 684.
Anon., Bot. Not. 1919: 94; Nuova Notarisia 30: 103. 1919; Le Monde des Plantes 7(99): 74. 1898; Bull. misc. Inf. Kew 1919: 85; Österr. bot. Z. 68: 192. 1919.
Augé, Cl., Nouv. Larousse ill. 664, s.d.
Carré, Semaine du Fidèle du Disc. du Moins 15 Dec 1918, p. 37-39 (fide Delaunay).
Delaunay, Bull. géogr. bot. 27: 57-96. 1919 (detailed bibl.).
Gentil, Bull. Geogr. bot. 26: [i-ii]. Oct-Dec 1918.
Le Brun, Monde des Plantes 20(116): 1-2. 1919.
Legendre, Bull. géogr. bot. 27: 1-5. 1919.
Léveillé, A. A. H., Le Monde des Plantes 7: 74. 1898.
Merrill, E. G., Contr. U.S. natl. Herb. 30(1): 188. 1947.

COMPOSITE WORKS: *Le Monde des Plantes*, editor, vol. 1-27, 1891-1918 (later Bull. Géogr. bot.).

EPONYMY: *Bileveillea* Vaniot (1904); *Leveillea* Vaniot (1903).

4462. *Petite flore de la Mayenne* contenant l'analyse et la description sommaire des plantes vasculaires de la Mayenne . . . Laval (Goupil) 1895. 18-mo. (*Petite fl. Mayenne*).
Publ.: 1895 (Nat. Nov. Mar(2) 1896), p. [1]-252. *Copies*: G, MO, NY, USDA.
Premier supplément: Le Mans 1897 (t.p., publ. 1899), p. [1]-173. *Copies*: MO, NY. – Repr. from Bull. Soc. Agric. Sarthe 35: 450-497. 1896, 36: 187-231, 277-318. 1897-1898, 37: 15-50. 1899.

Deuxième supplément: Le Mans 1899 (Bot. Zeit. 16 Oct 1899; Nat. Nov. Nov(1) 1899), p. [1]-48. *Copies*: MO, NY. – Repr. from Bull. Acad. Géogr. Bot. 8: 5-12, 43-47, 74-77, 109-110, 120-122, 172-180, 225-229, 264-266. 1899; 9: 103-109, 142-148. 1900.
Troisième supplément: Le Mans Mar-Apr, p. [1]-40. *Copy*: MO. – Bull. Acad. Géogr. Bot. 11: 92-96, 353-354. 1902; 12: 7-8, 263-271. 1903; 13: 156-164, 282-284. 1904.
Quatrième-sixième supplément: ib. 13: 284-288. 1904; 14: iii-iv, vii. 1905; 16: 63-64. 1907; 17: i-xii. 1907; 18: 495-496, 557-560. 1908; 19: 25-32, 133-138. 1909. (reprints: suppl. 4: 41-49; suppl. 5: [i]-xx; *copies* at MO).
Note: We have not been able to check the pagination of the parts as published in the journals in all instances.
Ref.: Léveillé, A. A. H., Bull. Géogr. Bot. 27: 8-32, 125-160. 1917 (Catalogue définitif de la flore de la Mayenne; collaborators; annotated list).

4463. *Monographie du genre Onothera* par . . . H. Léveillé . . . avec la collaboration pour la partie anatomique de M. Ch. Guffroy . . . Le Mans (Imprimerie de l'Institut de Bibliographie ancienne Maison Monnoyer; [parts 3-5:] Imprimerie Monnoyer, . . .) 1902-1913, 5 parts. Oct. (*Monogr. Onothera*).

1: 31 Jul 1902 (p. 9: 21 Nov 1901; J. Bot. Sep 1902; TBC 32, 334), p. [1]-138, *42* [*45*] *pl.* (on numbered and unnumbered pages; uncol. liths. and photogr.).
2: Jan-Feb 1905 (J. Bot. Mar 1905; Nat. Nov. Apr(2) 1905), portr., p. 139-253, [254-258], *61 pl.* (id.).
3: 1908 (Nat. Nov. Jan(1) 1909), p. [259]-338, *27 pl.*
4: 1909 (p. 408: 28 Dec 1907; Nat. Nov. Mar(2) 1910), p. 339-408, *6 pl.*
5: Jan-Jul 1913 (p. 433: 30 Dec 1907; Nat. Nov. Aug(2) 1913), p. 409-466, *15 pl.*
Copies (200 printed; numbered): MICH, MO, NY, U, US, USDA.
Plates: photogravures by M. Bellotti of photographs by Corbin and Triconnet; drawings of fruits by A. Acloque, of seeds by Guffroy, of distribution maps by A. S. Hitchcock and by the author.
Co-author: Charles Émile Guffroy.

4464. *Révision du genre Epilobium* d'après des herbiers Boissier et Barbey-Boissier [Genève 1907]. Oct.
Publ.: 30 Jun 1907, p. [1]-4. *Copy*: G. – Reprinted from Bull. Herb. Boissier ser. 2. 7(7): [587]-590. 1907. To be cited from journal.

4465. *Iconographie du genre Epilobium* par H. Léveillé . . . dessins de Gonzalve de Cordouë. Le Mans (Imprimerie Monnoyer, . . .) 1910-1911. (*Iconogr. Epilobium*).

1: Feb-Apr 1910 (p. 3: 27 Jan 1910; Nat. Nov. Mai(2) 1910), p. [i, iii], [1]-3, [5], [7-45 = *pl. 1-39*], 46-47.
2: 1910, p. [49], [51-67 = *pl. 40-56*], 68.
3: 1910 (Nat. Nov. Dec(2) 1910), p. [69], [71-161 = *pl. 57-147*], 162-167.
4: Jun 1911 (cover; issued together with fasc. 5), p. [169], [171-247 = *pl. 148-224, 224bis*], 248-252.
5: Jun 1911 (p. 328, printer's mark Mai 1911; Nat. Nov. Jul(2) 1911), p. [253], [255-302 = *pl. 225-272*], 303-328.
Copies: MICH, MO, NY, U, US, USDA.
Plates: uncol. liths. of drawings by Gonzalve de Cordouë.

4466. *Flore du Kouy-Tchéou*, Autographiée en partie par l'auteur H. Léveillé Gr. in 4° d'environ 400 pages. Tirée à 18 exemplaires. Renfermant de nombreuses espèces nouvelles. Prix: 40 Francs. 1914-1915. Le Mans. (*Fl. Kouy-Tchéou*).
Publ.: 1914-1915, p. [1]-532. *Copies*: G, K, USDA; IDC 904. – A work lithographed from the handwritten manuscript: an example of publication in reproduced handwritten material, published before 1 Jan 1952 and hence effectively published (ICBN Art. 29.3). – The mode of publication and the precise dates are unknown. – "Tirée à 18 exemplaires."

4467. *Catalogue des plantes de Yun-Nan* avec renvoi aux diagnoses originales observations et descriptions d'espèces nouvelles par H. Léveillé ouvrage publié en pleine guerre, surtout

destiné aux grands etablissements scientifiques avec nombreux dessins inédits . . . Le Mans (Chez l'Auteur . . .) 1915-1916 [-1917]. Oct. (*Cat. pl. Yun-Nan*).

Publ.: 1915-1917, p. [1]-299, *fig. 1-69* (fig. *24* hors texte) (preface p. 3: 1 Dec 1915). *Copies*: G, MICH, MO, NY, USDA. The signatures 4-19 are dated. The receipt of various parts at Kew shows that distribution took place in sets of one to several signatures. There is not sufficient evidence that the signatures were not available soon after dates of printing (MW state that the book was issued as a whole after 5 Mai 1917), and publication must be assumed to have taken place in the two or three months after printing. The war conditions made shipping abroad difficult and local sources are needed for further precision.

signat.	pages	dates of printing	catalogued at Kew
1	1-16	1 Dec 1915	3 Jul 1916
2	16-32	25 Mai 1916	3 Jul 1916
3	33-48	25 Mai 1916	3 Jul 1916
4	49-64	5 Mai 1916	
5	65-80	15 Jun 1916	
6	81-96	22 Jun 1916	
7	97-112	5 Aug 1916	2 Sep 1916
8	113-128	16 Aug 1916	2 Sep 1916
9	129-144	5 Sep 1916	2 Sep 1916
10	145-160	25 Sep 1916	
11	161-176	31 Oct 1916	
12	177-192	13 Dec 1916	
13	193-208	30 Dec 1916	4 Jan 1917
14	209-224	13 Jan 1916	
15	225-240	Mar-Apr 1917	
16	241-256	Mar-Apr 1917	
17	257-272	5 Mai 1917	
18	273-288	5 Mai 1917	
19	289-299	1917	23 Jul 1917

Figures of drawings by Mlle Marie de Valbray (majority), Gonzalve de Cordouë and René de la Villarmois.

Léveillé, Joseph Henri (1796-1870), French physician and mycologist at Paris; Dr. med. Paris 1824; one of the discoverers of the basidium. (*Lév.*).

HERBARIUM and TYPES: Léveillé's herbarium and most of his manuscripts were destroyed during the Franco-Prussian war of 1870-1871. However, many duplicates had been sent to Montagne (now at PC). Léveillé also sent some early material to Persoon for determination (now at L) and later identified part of the other Leiden and Paris collections of fungi. E. S. Salmon (1900) states that the collection of *Erysiphaceae* at K "is especially valuable in containing Berkeley's herbarium. In this occur, besides Berkeley's types, no less than 98 specimens sent by Léveillé to this author . . ." Salmon, Donk (private comm.) and Hawksworth cite indeed Léveillé material from K. Koster cites Léveillé algae from BM. Some further mycological herbarium is at K.

Ref.: Salmon, Mem. Torrey bot. Club 9: 26. 1900.
Koster, J. T. Taxon 18: 555. 1969.
Sayre, G., Mem. New York Bot. Gard. 19(3): 359. 1975.

NOTE: Léveillé described the basidium in Ann. Sci. nat., Bot. ser. 2: 8: 321-328. 1837; he was preceded by F. M. Ascherson, Arch. Naturgesch. 2: 372. 1836.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 276; Ainsworth p. 344; Barnhart 2: 374; BM 3: 1101-1102; CSP 3: 988; Frank 3(Anh.): 57; GR p. 286-287, cat. p. 67; Hawksworth p. 184; IH 2: 436; Jackson p. 572; Kew 3: 424; Lasègue p. 574; LS 15300-15338, 35964; NAF 9(6): 441, 7(15): 1075; PR 5259-5262 (ed. 1: 5821-5834); Rehder 5: 507; SBC p. 125 ("Lév."); Stevenson p. 1249; TL-2/1: 1363, 1598, 1969, see Demidow, A. N.; TR 775-777; Tucker 1: 425; Urban-Berl. p. 266, 278, 288, 305, 369.

Anon., J. Bot. 8: 136. 1870; Flora 53: 174. 1870, Bot. Zeit. 28: 280. 1870.
Cesati, V. de, Saggio bibl. algol. ital. 222bis. 1882.
Cordier & Decaisne, Bull. Soc. bot. France 17(c.r.): 75, 77-80. 1870 (bibl.), 17(bibl.): 45. 1870.
Constantin, Ann. Sci. nat. bot. ser. 10. 16: xlii. 1934 (portr.).
Laundon, G. F., Taxon 16: 194-195. 1967 (rust names attributed to L.).
Lütjeharms, W. J., Gesch. Mykol. 11, 130, 244. 1936.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 189. 1947.
Stafleu, F. A., Regn. veg. 71: 331, 339. 1970.
Wittrock, V. B., Acta Horti Berg. 3(3): xl, 107, *pl. 53*. 1905.

COMPOSITE WORKS: (1) *Observations médicales et enumération des plantes recueillies en Tauride*, par le docteur J. H. Léveillé, *in* A. N. de Demidoff, *Voyage dans la Russie méridionale et la Crimée*, 2: [33]-242. 1842 (also issued separately without imprint; copy MO). Also: *Catalogue des plantes phanérogames recueillies dans la chaine du Donetz* in vol. 4 [1842?].
(2) *Champignons*, in Gaudichaud, C., *Voy. Bonite, Bot.* 2: 164-204. Oct-Nov 1846, Atlas *pl. 136-140*. after 1852.
(3) *Fungi*, in Triana, J. & J. E. Planchon, *Prodr. fl. Novo-Gratens.* 2: 150-169. 1863 (Ann. Sci. nat. Bot. ser. 4. 20: 282-300. 1863).
(4) Co-editor, *Dict. univ. hist. nat.*, see A. C. V. D. d'Orbigny.
(5) *Fungi*, in A. Moritzi, *Syst. Verz.* 118-126. 1846.

EPONYMY: *Leveillea* Decaisne (1839); *Leveillea* E. M. Fries (1849); *Leveilleites* Foerste (1923); *Leveillella* Theissen & H. Sydow (1915); *Leveillina* Theissen & H. Sydow (1915); *Leveillinopsis* F. L. Stevens (1924); *Leveillula* Arnaud (1921).

4468. *Notice sur le genre Agaric*, considéré sous les rapports botanique, économique, médical et toxicologique . . . (extrait du Dictionnaire universel d'histoire naturelle.) Paris (Rue de Seine-Saint-Germain, 47.) 1840. Qu. (*Not. Agaric*).
Publ.: 1840, p. [i, iii], [1]-20. *Copies*: FH, Stevenson.

4469. *Considérations mycologiques*, suivies d'une nouvelle classification des champignons, par J. H. Léveillé, D.M. (extrait du Dictionnaire universel d'histoire naturelle) Paris (Rue de Bussy, 6) 1846. Oct (*Considér. mycol.*)
Publ.: 1846, p. [1]-136. *Copies*: G, MICH, NY, Stevenson. – Preprinted from Dict. univ. Hist. nat. 8: 454-496. 1849.

4470. *Iconographie des champignons de Paulet*, recueil de 217 planches dessinées d'après nature, gravées et coloriées, accompagné d'un texte nouveau présentant la description des espèces figurées, leur synonymie, l'indication de leurs propriétés utiles ou vénéneuses, l'époque et les lieux où elles croissent . . . Paris (Chez J. B. Baillière), Londres (H. Baillière), New York (H. Baillière), Madrid (C. Bailly-Baillière) 1855. Qu. (*Iconogr. champ. Paulet*).
Publ.: Aug-Dec 1855 (p. viii: Jul 1855), p. [i-ii], frontisp. portr. Paulet, [iii]-viii, [1]-135, *pl. 1-204, 35bis, 97bis, 100bis, 112bis, 122bis, 135bis, 139bis, 140bis, 156bis, 156ter, 166bis, 168bis, 183bis* (Copy USDA; Stevenson copy has also *69 bis* (in all *217 pl.*). *Copies*: MICH, Stevenson, USDA. – A reissue of the plates of Jean Jacques Paulet's *Traité des champignons* (42 fasc., 1793-1835) accompanied by new text by Léveillé. Paulet's original plate numbers were not retained (see p. 135).

Levier, Emile [Emilio] (1839-1911), Swiss-born physician, botanist and plant collector in Firenze; specialist on Ricciaceae. (*Levier*).

HERBARIUM and TYPES: FI (47.000), G (30.000); duplicates widely distributed, see IH. Distributed various named series of plants, e.g. *Bryotheca exotica*, ser. 1, nos. 1-100, Firenze 1907.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 217 (!), 5(2): 445; Backer p. 327; Barnhart 2: 374; BL 2: 387, 398, 681; BM 3: 1102; Bossert p. 236; Clokie p. 199; CSP 8: 214, 10: 579, 16: 752, 18: 849; DTS 6(4): 90; GR p. 642; Hortus 3: 1198 ("Levier"); IH 1(ed. 6): 361, 2: 437; Jackson p. 507; Kew 3: 424-425; Lenley p. 264; LS 15344-15345; MW p. 272; NI (alph.)

1496; PFC 1: xlvi; Rehder 5: 508; Saccardo 1: 96, 2: 62, cron. p. xxv; SBC p. 125 ("Lev."); TL-2/1: 296; Tucker 1: 426; Zander ed. 10, p. 684.
A.M.S., Bryologist 15(6): 98. 1912.
Ascherson, P. F. A., Verh. bot. Ver. Brandenb. 53: (60)-(62). 1912.
Charpin, A. & Burdet, H. M., Musées de Genève 186: 14-19. 1978 (portr.).
Hall, A. D., The genus Tulipa 163. 1946.
Husnot, T. H., Rev. bryol. 39(1): 16, 23. 1912.
Levier, E., Le cas du docteur Otto Kuntze, Florence 1898 (example of L's gift for satyre).
Micheletti, Bull. Soc. bot. Ital. 1911(8): 228.
Nicholson, W. E., Bryologist 21(6): 85-86. 1918.
Radde, G., Grundz. Pflanzenverbr. Kaukasusländ. 9-10. 1899 (Veg. Erde vol. 3).
Schiffner, V., Ann. bryol. 12: viii. 1939.
Sommier, C. P. S., Nuov. giorn. bot. Ital. ser. 2. 19(1): 5-12. 1912 (portr.).
Willkomm, M., Grundz. Pflanzenverbr. Iber. Halbinsel 21. 1896 (Veg. Erde vol. 1).
Wittrock, V. B., Acta Horti Berg. 3(3): 178, *pl. 136*. 1905.

NOTE: Reviews and notes on L's bryological works will be found in Rev. bryol. 21: 62, 78. 1894; 22: 48, 62. 1895; 23: 79, 94. 1896; 25: 70. 1898; 26: 23, 102. 1899; 28: 80. 1901; 29: 105. 1902; 30: 109. 1903; 32: 100. 1905; 33: 44, 45. 1906; 34: 38, 40, 55. 1907; 35: 13. 1908.

COMPOSITE WORKS: See Leresche, *Deux excursions botaniques*, Lausanne 1880 (no. 4407).

HANDWRITING: Rec. Auckland Inst. Mus. 12: 109. 1975; Candollea 31: 333-334. 1976.

EPONYMY: *Levierella* K. A. F. W. Mueller Hal. (1897); *Levieria* Beccari (1877).

4471. *Les tulipes de l'Europe* par Emile Levier méd. prat. à Florence avec 10 tables lithographiées. Extrait du Bulletin de la Société des sciences naturelles de Neuchâtel. Tome xiv. Neuchâtel (Imprimerie de la Société typographique) 1884. Oct. (*Tulip. Eur.*).
Publ.: 1884, p. [1]-119, *pl. 1-9*. *Copy*: G. - Reprinted from Bull. Soc. Sci. nat., Neuchâtel, 14: 201-312. 1884.
Ref.: Levier, E., Arch. Ital. Biol. 5: 48-74. 1884;Malpighia 8: 401-423. 1894 (Néotulipes et paléotulipes).
Pax, F., Bot. Jahrb. 8(Lit.): 39-42. 2 Nov 1886.

4472. *A travers le Caucase*. Notes et impressions d'un botaniste avec de nombreuses illustrations de F. Huguenin-Lassanguette et des reproductions directes d'après les photographies de MM Stéphan Sommier et Vittorio Sella. Neuchâtel (Attinger frères, éditeurs . . .) s.d. [1894]. Oct. (*Caucase*).
Publ.: 1894, p. [i]-vii, frontisp. portr. author, [1]-346, map, ills. *Copy*: MO. – Report of a trip through the Caucasus in 1890 with S. Sommier. For a report on the botanical collections see under Sommier (Sommier et Levier, Acta Horti Petrop. 16, 1900).
Ref.: Radde, G., Grundz. Pflanzenverbr. Kaukasusländer 15. 1899 (Veg. Erde 3).

4473. *Le cas du docteur Kuntze* . . . Florence 1898. Oct. (*Cas Kuntze*).
Publ.: 1898, p. [1]-12. *Copy*: G. – Witty repudiation of some of Kuntze's statements (mentioning e.g. *Trifolium charlatanicum* var. *levierianum*, var. *Lejolisianum* and var. *aschersonianum*.)

Levyns, Margaret Rutherford Bryan (née Mitchell) (1890-1975), South African botanist; lecturer at the University of Cape Town 1916-1946; first woman president of the Royal Society of South Africa. (*Levyns*).

HERBARIUM and TYPES: BOL (11.731 S. African specimens, collected between 1922 and 1970). The collection from Australia is also at BOL. Important sets of duplicates are at K and PRE.
Ref.: Rourke, J., in M.R.B. Levyns, Insnar'd with flow'rs. Cape Town 1977, p. 199-200.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 68; Barnhart 2: 375; BL 1: 29, 305; Bossert p. 236; Hortus 3: 1198 ("Levyns"); IH 2: 438; Kew 3: 426; Roon p. 68.

Anon., Cape Times 15 Nov, p. 8, 1975 (fide Kew Record); Forum bot. 13(12): 81. 1975; Veld & Flora 61(3): 7. 1975; S. Afr. Forum bot. 3(5): 1. 1965 (honorary life member of Bot. Soc. S. Afr.).
Cowan, R. S., Taxon 25: 280. 1976.
Diels, L., Bot. Jahrb. 65(Lit.): 16. 1932 (review of her publ. on Lobostemon, J. Linn. Soc. Bot. 49: 393-451. 1934).
Du Plessis, E., S. Afr. Forum bot. 5(6): 2. 1967 (on Mrs. L's contribution of over 500 articles to the Standard Encyclopaedia of South Africa).
Levyns, M. R. B., A botanist's memoirs. Univ. Cape Town 1968, 40 p. (portr.); Insnar'd with flow'rs, the memoirs of a great South African botanist. Edited by J. E. P. Levyns, foreword by John Rourke, Botanical Society of S. Africa, National Botanic Gardens, Kirstenbosch Claremont, C.P., 7700, South Africa, xvii, 1, 206 p., 1977 (autobiogr., portr., bibl.) (see also Taxon 27(1): 112. 1978).

COMPOSITE WORKS: Co-editor of *The flora of the Cape Peninsula*, Cape Town (Juta & Co. Ltd.) 1950; see Rourke in Levyns (1977) for a list of contributions.

4474. *A guide to the flora of the Cape Peninsula* . . . Cape Town, Johannesburg (Juta & Co., Ltd.) [1929]. Oct. (*Guide fl. Cape*).
Publ.: Aug-Dec 1929 (p. vii: Mai 1929; J. Bot. Mai 1930), p. [i]-xv, [1]-284, *3* col. *pl. Copies*: U, US, USDA. – Illustrations by Miss. E. McCullough and the author.
Ed. 2: 1966, xvii, 310 p., Cape Town (Juta & Co., Ltd.), see review by Leistner, Taxon 16: 140-141. 1967.
Ref.: Rendle, A. B., J. Bot. 68: 92-93. 1930 (not yet publ. by Jul 1929).

Lewis, Francis West (1825-1902), American diatomologist at Philadelphia. (*F. W. Lewis*).

HERBARIUM and TYPES: PH (inf. R. Patrick).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 376 (further biogr. refs.); CSP 3: 995, 8: 216; Jackson p. 159, 359; Kew p. 428; ME 2: 204, 214, 216.
De Toni 1: lxxviii;
Deby, J., Bibl. microsc. microgr. stud. 3(Diat.): 37. 1882.
Phillips, V. T. and M. E., Guide mss. Coll. Acad. Phila. p. 491 [index]. 1963.

4475. *Notes on new and rarer species of Diatomaceae*, of the United States seaboard. Philadelphia (Merrihew & Thompson, printers, . . .) 1861. Oct.
Publ.: Jan-Mar 1861 (submitted Apr 1861; see Fox 1913), p. [1]-14, *pl. 1-2* (uncol. liths.). *Copy*: NY. – Reprinted from Proc. Acad. nat. Sci., Philadelphia 14: 61-74. 1861-1862. See also J. micr. Sci. 2: 155-161. 1862.
Ref.: Fox, W. J., *in* E. J. Nolan, Index sci. cont. J. Proc. Acad. nat. Sci. Philadelphia xii. 1913.

4476. *On some new and singular intermediate forms of Diatomaceae* . . . Philadelphia (Merrihew & Thompson, printers, . . .) s.d. [1863]. Oct.
Publ.: Dec 1863 (in journal), p. [1]-12, *pl. 1* (uncol. liths. auct.). *Copy*: NY. – Reprinted from Proc. Acad. nat. Sci., Philadelphia Dec 1863, p. 336-346. To be cited from journal.

4477. *On extreme and exceptional variation of diatoms* in some White Mountain localities, etc. . . . Philadelphia (Collins, printer, . . .) 1865. Oct.
Publ.: 1865 (submitted 3 Jan 1865), p. [1]-16, *pl. 2* (uncol. lith. auct.). *Copy*: NY. – Reprinted from Proc. Acad. nat. Sci. Philadelphia 1865: 7-18 (for Jan-Mar 1865). To be cited from journal.

Lewis, Frederick (1857-1930), British-Ceylonese forester and botanist at the Ceylon Forestry Department. (*F. Lewis*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 376; CSP 16: 758; Desmond p. 384; Kew 3: 429.

4478. *A descriptive catalogue of the* more useful *trees and flowering plants* of the Western and Sabaragamuwa provinces *of Ceylon*, with notes of recorded distribution of species ... Colombo (H. C. Cottle, acting government printer, Ceylon) 1902. Oct. (*Cat. trees Ceylon*).
Publ.: 1902, p. [i, iii], 4 maps, [1]-168. *Copy*: USDA. – Reprinted from J.R. Asiat. Soc., Ceylon Branch, 17(53). 1902.

Lewis, Isaac McKinney (1878-1943), American botanist; educated at Indiana State University; instructor of botany at New Hampshire State College (1908-1909); idem, later professor of botany at the University of Texas from 1909. (*I. Lewis*).

HERBARIUM and TYPES: TEX.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 376; BL 1: 215, 307; Hirsch p. 174; IH 2: 438; Langman p. 442; LS suppl. 15980-15984; Stevenson p. 1249.

4479. *The trees of Texas* an illustrated manual of the native and introduced trees of the state ... Austin, Texas (University of Texas) 1915. Oct. (*Trees Texas*).
Publ.: 15 Apr 1915, p. [i]-vi, [1]-169. *Copies*: MO, US. Bull. Univ. Texas 1915(22).

Lexarza, Juan Martinez de (1785-1824), Mexican physician and botanist. (*Lex.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 377; BM 3: 1105; CSP 12: 445; Hortus 3: 1198 ("Lex."); Jackson p. 138; Kew 3: 433; Langman p. 443; PR (alph.); Tucker 1: 426; Zander ed. 10, p. 684.

COMPOSITE WORKS: See La Llave et Lexarza, Nov. veg. descr., preface, 1824 (no. 4131).

EPONYMY: *Lexarza* La Llave (1825).

Leybold, Friedrich (1827-1879), German botanist and pharmacist; pupil of Martius; settled in Chile (1855) as pharmaceutical industrialist. (*Leyb.*)

HERBARIUM and TYPES: Unknown.
Ref.: Anon., Flora 37: 383, 416. 1854 (sale herb.)

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 377; BL 2: 408, 682; BM 3: 1105; CSP 3: 997-998, 6: 713, 8: 217, 16: 763; DTS 1: 169-171 (refers in part to F. E. Leibold, see Urban Symb. ant. 3: 74), 6(4): 166 (correction); Frank 3(Anh.): 57; Hortus 3: 1198 ("Leyb."); Jackson p. 264; Kew 3: 434; NI 1186; PR (alph.); Rehder 5: 508; Saccardo 1: 96; Zander ed. 10, p. 684.
Anon., Leopoldina 23: 149, 208-210. 1887 (bibl.).
Hausmann, F., Fl. Tirol 1164.
Reiche, K., Grundz. Pflanzenverbr. Chile 20. 1907 (Veg. Erde vol. 8).
Urban, I., Fl. Bras. 1(1): 183-184. 1906.

COMPOSITE WORKS: Martius, *Fl. bras.*, *Salicineae* 4(1): 225-228, *pl. 71-72*. 1 Jan 1855.

4480. *Stirpium in alpibus orientali-australibus nuperrime repertarum* non nullarumque non satis adhuc expositarum icones quibus brevem ex recentissimis observationibus derivatam adjunxit descriptionem auctor Fr. Leybold monocensis. Ratisbonae [Regensburg] (typis Neubauerianis) 1855. Oct. (*Stirp. alp. repert.*).
Publ.: 14 Jun 1855 (in Flora; p. [3]: Mar 1855), p. [1]-27, *pl. 1-12* (uncoloured (G, M) liths. of drawings by the author). *Copies*: G, M, Regensburg; the latter copy has exquisitely coloured lithographs. – Reprinted from Flora 38: 337-349, pl. 4-15. 14 Jun 1855.

4481. *Escursion a las pampas arjentinas*. Hojas de midiario. Febrero de 1871. Segnido de tablas de observaciones barométricas, un boceto de la ruta tomador por Federico Leybold ... Santiago (Imprenta "Nacional" ...) 1873. Qu. (*Escurs. pampas*).
Publ.: 1873, p. [1]-107, [1, err.], 1 map. *Copy*: M.

German extract: "*Ausflug in die Pampas der Argentinischen Republik* während des Monates Februar 1871 . . ." p. [1]-63, reprinted from Z. allg. österr. Apotheker-Ver. 1874 no. 14 and following, copy of reprint: M.

Leydolt, Franz (1810-1859), Austrian mineralogist and botanist at Vienna; Dr. med. Wien 1837; assistant with J. F. von Jacquin 1838; from 1843 at the Vienna polytechnic, from 1847 as professor of mineralogy and geognosy. (*Leyd.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 377; BM 3: 1107; CSP 3: 999, 12: 445; Kew 3: 434; PR 5264.
Beer, Österr. bot. Z. 9: 234, 241-245. 1859.
Schrötter, Almanach Akad. Wiss., Wien 10: 143-162. 1860 (bibl.).

4482. Dissertatio inauguralis botanica *de Plantagineis* quam consensu et auctoritate illustrissimi ac magnifici domini praesidis et directoris, perillustris et spectabilis d.d. professorum pro doctoris medicinae laurea summisque in medicina honoribus et privilegiis rite et legitime obtinendis in antiquissima atque celeberrima universitate vindobonensi publicae disquisitioni submittit Franciscus Leydolt. Austriacus viennensis. Cum tabula lith. In theses adnexas disputabitur in Universitatis aedibus die 1. Julii 1837. Vindobonae [Wien] (typis Joannis B. Wallishausser). Oct. (*De Plantagin.*)
Publ.: 1 Jul 1837, p. [i-viii], [1]-54, *1 pl. Copy*: MO.
Trade edition: 1837, p. [i-viii], [1]-54, [1-2], *1 pl.* (uncol.). *Copies*: G, MO, NY. – *Die Plantagineen* in Bezug auf die naturhistorische Spezies, von Franz Leydolt, Doctor der Medizin. (Mit einer Lithographirten Tafel.) Wien (gedruckt bei J. B. Wallishauser) s.d. [1837]. Oct. – This re-issue came out undated, hence the citation of other year-dates in the literature. There was only this one re-issue. The original thesis issue seems to be very rare.
Ref.: BM 3: 1107 (dates this at 1833); PR 5264 (ed. 1: 5839).

Leysser, Friedrich Wilhelm von (1731-1815), German administrator and botanist; "Preussischer Kriegs- und Domänenrat" at Halle a. Saale. (*Leyss.*).

HERBARIUM and TYPES: Some material at LINN.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 590; Barnhart 2: 377; BM 3: 1107; Dryander 3: 162, 224, 4: 307, 5: 325; Frank 3(Anh.): 57; GR p. 28; Hortus 3: 1198 ("Leyss."); IH 2: 439; Kew 3: 434; LS 15364; PR 5266; Quenstedt p. 262; Rehder 5: 508; SO 642a; Tucker 1: 426.
Drude, O., Hercyn. Florenbezirk 6, 10. 1902 (Veg. Erde vol. 6).
Fries, Th. M., Bref Skrifv. Linné 1(5): 89. 1911.
Garcke, C. A. F., Fl. Halle viii-ix. 1848.
Stafleu, F. A., Linnaeus and the Linnaeans 18. 1971.

EPONYMY: *Leysera* [sic] Linnaeus (1763).

4483. Friderici Wilhelmi a Leysser *Flora halensis* exhibens plantas circa Halam salicam crescentes secundum systema sexuale linnaeanum distributas. Halae Salicae [Halle a. Saale] (sumtibus auctoris) 1761. Oct. (*Fl. halens.*).

Ed. 1: Jan 1761 (or even earlier; Linnaeus writes to D. van Royen on 22 Jan 1761 that he has just received the book; p. x: Oct 1760), p. [i-xvi], [1]-224, [1-30, ind.]. *Copies*: G, NY, USDA (Otto Kuntze's copy).
Editio altera aucta et reformata. Halae Salicae (sumtibus auctoris. Typis C. G. Taeubel) 1783. Oct. – Frontisp., p. [i-xii], [1]-305, [306, err.], [1-27, chronol., topol.], [28-38, index]. *Copies*: BR, G, MICH, MO, NY. – Preface, p. [viii], dated Jun 1783. – The frontispiece depicts *Leysera gnaphalodes*. "Unicum praemium sed immortale."
Johann Friedrich Wohlleben (q.v.) published a *Supplement ad leysseri floram halensem* . . . fasciculus primus, Halae (Literis Michaelis) 1796. Oct., p. [1]-44, *1 pl. Copy*: G.

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Index to Names

This index contains the names of authors, collectors, botanical explorers, patrons of botanists, botanical artists, and other collaborators, as well as personal surnames that have been immortalized in names of genera. Also included are abbreviations listed for author names. The names of ships that carried early exploring expeditions to remote parts of the world are included in this index too, because the user may only remember that much of the subsequent reports of the trip. There are, however, a number of explanations and cautions: (1) the abbreviations of author names are included in the index when they are really abbreviations, i.e. some letters have been dropped. Such abbreviations are alphabetized as if they were complete words, including one or more initials, with the omission of punctuation and spaces. In this index the initial follows the abbreviation even though the suggested abbreviation in the text is preceded by the initial; (2) diacritical marks have been deleted in this index except for the German Umlaut, whereas the ø is alphabetized as oe; (3) names beginning with "M'", "Mc", or "Mac" are treated as if spelled "Mac" in combination with the rest of the name as one word (Macdonald); (4) similarly, double names whether hyphenated or not, names beginning with "Da", "De", "Des", "Do", "Du", "La", "Le" etc. are alphabetized as if they were one word under the first letter of the first word ("Candolle" for "de Candolle" is one of several exceptions where established usage does not conform to this convention). If there is chance of confusion in locating such names, the index lists also the last part of the names under the appropriate letter (the user can find "de Candolle" in both the "d" and "c" part of the index). Hyphenated double names are not, however, crossreferenced under the last part: (5) for purposes of the index, "van", "von", "y", "zu" are ignored; (6) names of authors of publications cited in the biography/bibliography sections are omitted from the index; (7) "Aiton, W. *72*" refers to that part of the text just preceding the treatment of book number *72*, as well as to the book itself. "Aiton, W. 83" means there is a reference to Aiton, W. in the information concerning book 83, which is by an author other than Aiton, W. "Aiton, W. *see* Banks" indicates mention of Aiton, W. in the author-paragraphs under "Banks"; (8) an author's name with the notation "*alph.*" indicates a person, who is included in the text for one or more reasons, but who did not publish items treated in this guide (Abich, H., *alph.*); (9) the notation "*v*" is used to connect the abbreviation of a personal name with the name in full to explain the meaning of all suggested abbreviations. It is also used as a means of cross-referencing double names, maiden names of female botanists who have published under both names, and for anyone, who has used more than one name for his publications; and (10) references to Linnaeus occur so frequently that they are omitted here, because the user will undoubtedly consult a listing of primary references to Linnaeus in the third volume, where even secondary ones will be found anyhow.

Several entries which were omitted from the index to names in the first volume are included now. Some mistakes in that index have been entered here correctly. Finally, because an index to all the volumes will be published

after the last volume has been issued, the present index (as well as the index to titles) has to be viewed as a temporary but, hopefully, a useful guide to the contents of this volume.

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birth/death dates — Proposed form of citation

Bolus, Harry (1834-1911), British born South African banker and botanist. (*H. Bolus*).

HERBARIUM and TYPES: BOL. Other coll. e.g. BUL, GRA, NH, NU, PRE, SAM, STE and outside S. Africa. Exsiccatae: *Herbarium austro-africanum*, with Mac Owan, q v.
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